

SEVENTY NINTH
ANNUAL REPORT

HUGH J. ADDONIZIO
MAYOR

NEWARK FIRE DEPARTMENT

JOHN P. CAUFIELD
DIRECTOR

1964

NEWARK, NEW JERSEY

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FIRE DEPARTMENT

ANNUAL REPORT For the Year of 1964

Hon. Hugh J. Addonizio
Mayor
City Hall
Newark, New Jersey

Dear Sir:

The Annual Report of the Newark Fire Department for the year ending December 31, 1964, is herewith respectfully submitted.

The various activities and operations are detailed in the Division reports appended hereto.

I am pleased to report a dramatic reduction in the fire loss and loss of life in comparison to the year 1963.

Total fire loss in 1963	- \$5,661,169.08
" " " " 1964	- <u>\$4,272,123.87</u>
Fire Loss Decrease for 1964	\$1,389,045.21

Four less lives were lost as a result of fire in 1964:

29 lives lost in 1963
25 lives lost in 1964

Per Capita loss totaled \$10.54 for 1964, as against \$13.97 for 1963.

Total alarms in 1963 were 11,846; of these 917 were false alarms.

The primary function of the Fire Department, the protection of life and property from fire, was performed in an exemplary and efficient manner. This accomplishment was due in large measure to the courage, dedication and efficiency displayed by the officers and members of the Department.

The overall Fire Insurance Rating of Newark as determined by the National Board of Fire Underwriters was second to none in the nation. Only 15 other communities throughout the country had as high an overall fire rating as that enjoyed by Newark.

Among the various activities of the Fire Department during the year 1964, I respectfully wish to call attention to the following:

1. Our systematic apparatus and equipment replacement programs were continued through the year. These programs, in conjunction with the Prevention Maintenance program at the fire house level and at the special company level, have placed this Department, equipment and apparatus-wise, in an excellent position.

The apparatus and equipment replacement program continued with the delivery and acceptance by the Department of the following:

1. A 100 ft. Peter Pirsch metal aerial ladder truck, assigned to Truck Co. No. 3
2. A 750 G.P.M. triple combination pumper assigned to Engine Co. No. 10 as Unit No. 2.

3. 42 lengths - 3/4" hose; 100 lengths - 1½"; 170 lengths - 2½"; 4 lengths - 3"; 8 lengths soft and hard suction 4½"; and 4 lengths 5" hose were delivered during the year 1964.

We are presently awaiting delivery of two Salvage Co. trucks, seven station wagons to be used as gigs for the chiefs, and one Snorkel.

On July 1, 1964, a new fireboat, The John F. Kennedy, was christened and placed in service. This 4,000 g.p.m. fireboat provides the City of Newark with waterfront coverage, and has drawn nationwide attention. Its performance to date has been excellent.

The purchase of the above mentioned equipment, in addition to the regular purchase of small appliances and tools, places the Fire Department in a very favorable position as regards modern apparatus, tools and appliances.

The inventory and standardization program of tools and equipment was continued in 1964.

The training program of the Department continued throughout the year with emphasis on the following:

1. The driver training program continued for the 5th consecutive year.
2. Mask drills were conducted by the various battalion chiefs at the Civil Defense Heavy Rescue Training grounds at Avenue K.
3. Chief Drew continued the Radiological Training Course for all new Fire Department members at the Training Academy.
4. Daily drills were conducted in company quarters, in company districts and at the City Dock under the direction of deputy and battalion chiefs.
5. Weekly fire fighting and fire prevention instructions were received due to ultra high-frequency adapters on the television sets in all fire stations.
6. The In-Service Inspection program continued throughout the year with special emphasis on inspections of commercial, industrial and institutional buildings.

A training manual, standardizing training procedures throughout the department, was adopted.

Supervisor of Apparatus Daniel Tauriello has continued his service testing program. He also conducted Pump Classes at the Special Service Company.

An all-out effort on the part of the members of the Arson Squad, under the command of Battalion Chief Joseph L. Starrs and Captain Joseph O'Brien, has caused a further reduction in the number of false alarms.

Fire prevention activities under Deputy Chiefs Joseph J. Drew and Fred Crowley were conducted on a year-round basis. Some of the activities were - an outdoor exhibit, films, Speakers' Bureau, and distribution of hundreds of thousands of pieces of literature on Fire Prevention. An indoor fire prevention display was developed to dramatically and interestingly bring to the public a fire prevention message.

All of the above were displayed before various civic, fraternal, religious, etc., groups, and all are available to all groups requesting same.

A special kerosene heater float was on display throughout the city for several weeks, and fire prevention posters were displayed in store windows.

A complete operational plan, including a plan for post attack and recovery, is in effect as part of the Fire Department's Civil Defense Plan. In conjunction with this program, we have purchased Geiger Counters, Dosemeters, Gamma Survey meters, air samplers, Alpha-Beta-Gamma Ray and dustproof suits.

The officers and members of the Department performed excellent service during the past year, and it was my pleasure to commend many of them officially for outstanding rescues and acts of heroism. All fires occurring during 1964 were satisfactorily controlled and extinguished.

RECOMMENDATIONS

1. A fire training area should be established to provide adequate training. A modern training facility is vitally needed if the City is to retain its top rate overall fire insurance rating.

2. A plan of fire station replacement must be undertaken immediately. Many fire stations are very old - as much as 88 years old, with the last one being built in 1929.

Many other recommendations could be made; however, I have restricted myself to the above two because I consider them to be so vitally important to the efficient operation of the Fire Department in the immediate future.

On behalf of the Fire Department, I extend to you a sincere vote of appreciation for your interest in our problems and for your wholehearted cooperation.

We also express our thanks to the Hon. Ferdinand Biunno, Business Administrator, the Hon. Dominic V. Miceli, Assistant Business Administrator, the Hon. Norman N. Schiff, Corporation Counsel, and to the Directors of all departments for their splendid cooperation.

The Fire Department also expresses its thanks to the members of the Municipal Council of the City of Newark, who showed a sincere interest in the problems of our Department and cooperated by their favorable response.

The Chief Engineer, all officers and men of the Department, and the Administrative Staff are to be commended for their efficient and dedicated services and attention to duty during the year.

The Civil Defense Auxiliary Firemen and the Bell and Siren Club rendered valuable and outstanding service and are to be commended for their devotion and civic-mindedness. To them I express the sincere thanks of every member of the Department.

To the Chaplains and the Department Surgeons, for their outstanding contributions in administering to the needs of the men, we owe a debt of gratitude. We also extend our thanks to the members of the Fire Department Glee Club and the V.F.W. Color Guard for their contributions to the success of various activities of the City.

Respectfully yours,

JOHN P. CAUFIELD,
Director, Fire Department.

ANNUAL REPORT
For the Year 1964

Hon. John P. Caufield, Director
Fire Department
Newark, New Jersey

Sir:

I am pleased to forward to you the Annual Report of the Fire Department for the year ending December 31, 1964.

The reports of the various bureaus list accomplishments made in the past year, all calculated to improve fire fighting and fire prevention techniques.

I am pleased to report a reduction in the fire loss and loss of life in comparison to the year 1963. Total fire loss in 1964 amounted to \$4,272,123.87, and a per capita loss of \$10.54, as compared to \$5,661,169.08 and \$13.97 respectively for the year 1963. Twenty-five lives were lost as a result of fire in 1964 as compared to twenty-nine for 1963.

To the Officers and Men in the ranks of all Divisions should go full credit for a job well done. I also wish to express my appreciation through you to Mayor Hugh J. Addonizio, the officials of the various City Departments, members of the press and radio, Officers and Members of the Bell and Siren Club, for the courtesy and assistance rendered the Fire Department during the year.

Respectfully submitted,

/s/ JOSEPH M. REDDEN,
Chief Engineer.

FIRE DEPARTMENT - CITY OF NEWARK

Ferdinand Biunno
Business Administrator

Hon. Hugh J. Addonizio
Mayor

John P. Caufield
Director

Francis X. McCarthy, Public Relations Officer
M. Emmett Matthews, Administrative Officer
William T. Whalen, Assistant Chief Clerk
Edna L. Foran, Administrative Secretary

Joseph M. Redden, Chief Engineer

DEPUTY CHIEFS

First Deputy Division

James Donlon
Frank Hilliard
Chas. JanTausch
Vincent J. Kelly

Second Deputy Division

John Dolak
James F. Gaynor
Jos. W. McLaughlin
Thomas O'Boyle

Arthur D. Marsh - Roving

BATTALION CHIEFS

First Batt. Dist.

Lawrence Caufield
Harold Davis
Edward Nolan
Frank Reheis
Geo. W. Schaeffer

Second Batt. Dist.

William Hug
Louis Iannuzzi
Thomas Leonard
William Schick

Third Batt. Dist.

Andrew Donahue
Philip Smith
Morris Tangredi
Joseph Zoppi

Fourth Batt. Dist.

Vincent Brennan
Vincent Greeley
Albert Lopez
James Nolan

Fifth Batt. Dist.

Matthew Farley
Wm. Langwasser
James P. O'Beirne
John Zieser

Frederick Grehl - Roving

Fire Prevention Bureau . . .	Fred Crowley, Deputy Chief
Arson Division . . .	Jos. L. Starrs, Battalion Chief
Combustibles Division . . .	Charles V. Stiennen, Chief Inspector
Fire Alarm Division . . .	Arthur J. Moore, Superintendent
" " " . . .	Edward Przybylowicz, Assistant Superintendent
Communications Div. . .	James E. Caufield, Chief Communications Off.
Special Service & Supply Co. . .	Henry L. Schoettly, Deputy Chief
" " " " . . .	Peter B. Kelly, Battalion Chief
Apparatus Division . . .	Daniel Tauriello, Supervisor of Apparatus
Hose Division . . .	Peter J. Carolan, Captain
Supplies Division . . .	Michael Remondelli, Captain
Training Academy . . .	Joseph J. Drew, Deputy Chief
" " . . .	David Kinnear, Battalion Chief
Medical Division . . .	John N. Pannullo, M.D. Department Surgeon
" " . . .	Edwin L. Ciccone, M.D., Asst. Dept. Surgeon
Civil Defense . . .	Joseph A. Flannery, Battalion Chief

Rt. Rev. Msgr. Philip T. McCabe, Catholic Chaplain

Rev. Clarence Bleakney, Protestant Chaplain

Rabbi Horace Zemel, Jewish Chaplain

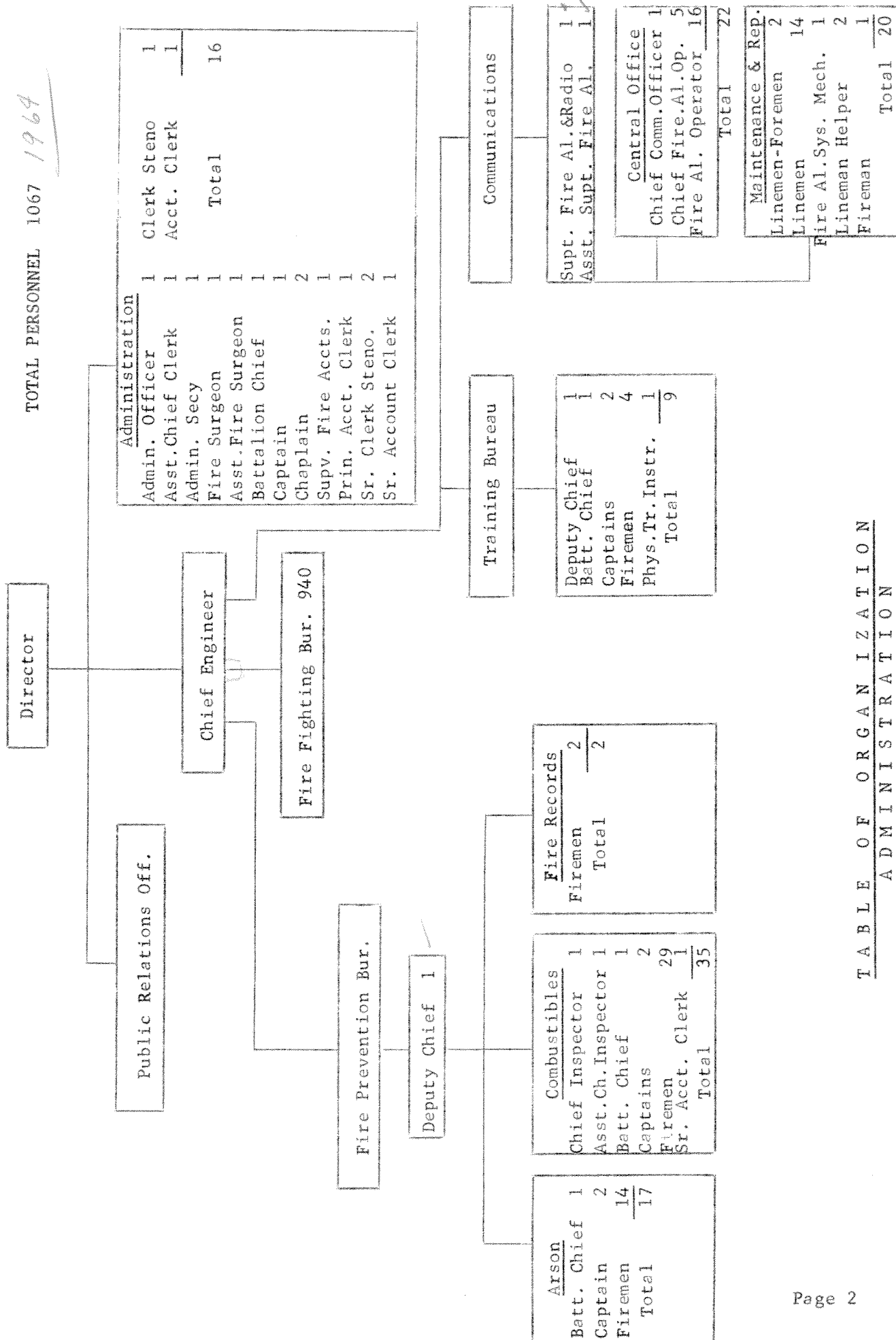
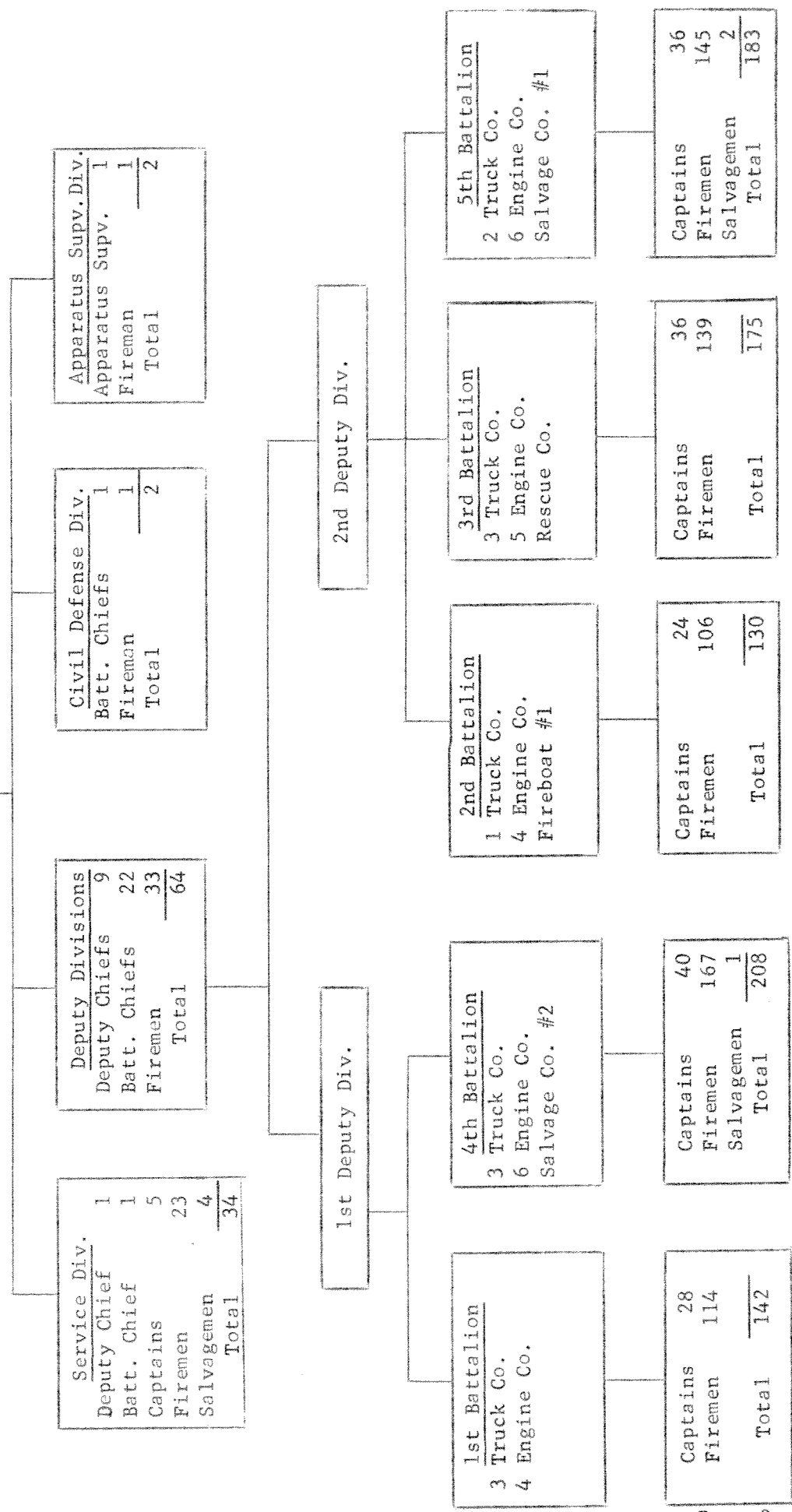


TABLE OF ORGANIZATION
ADMINISTRATION

TABLE OF ORGANIZATION - FIRE FIGHTING BUREAU

1968
Fire Fighting Bureau

Chief Engineer 1



FINANCIAL STATEMENT

Budget Appropriation for the year 1964

Salaries - - - - -	-\$7,573,783.
Other than Personal- - - - -	264,220.
Total - - - - -	-\$7,838,003.

Disbursements:

Salaries:

1 Director- - - - -	\$ 14,999.92
1 Public Relations Officer - - - - -	8,327.78
1 Chief Engineer- - - - -	14,519.81
12 Deputy Chiefs - - - - -	132,424.40
28 Battalion Chiefs- - - - -	256,980.51
1 Supervisor of Apparatus - - - - -	9,443.00
176 Captains- - - - -	1,420,922.16
779 Firemen - - - - -	5,125,582.33
7 Salvagemen- - - - -	46,914.00
1 Chief Inspector, Combustibles - - - - -	8,711.82
1 Asst. Chief Inspector, Combustibles - - - - -	1,736.35
1 Administrative Officer- - - - -	10,163.78
1 Administrative Secretary- - - - -	8,349.88
1 Assistant Chief Clerk - - - - -	7,185.68
1 Supervisor of Accounts, Fire- - - - -	6,099.84
1 Principal Account Clerk - - - - -	5,552.25
2 Senior Account Clerks - - - - -	9,299.90
2 Senior Clerk Stenographers- - - - -	9,499.84
1 Clerk Stenographer - - - - -	3,497.50
1 Fire Surgeon- - - - -	9,941.00
1 Assistant Fire Surgeon- - - - -	8,656.00
2 Chaplains - - - - -	7,939.62
1 Account Clerk - - - - -	3,949.90
1 Athletic Instructor - - - - -	7,299.76
1 Supt. Fire Alarm & Radio- - - - -	11,391.70
1 Asst. Supt. Fire Alarm & Radio- - - - -	9,605.54
1 Chief Communications Officer- - - - -	9,162.00
5 Chief Fire Alarm Operators - - - - -	40,660.40
16 Fire Alarm Operators - - - - -	104,624.36
2 Foremen, Fire Alarm & Radio - - - - -	16,307.16
14 Linemen - - - - -	91,320.88
1 Fire Alarm System Mechanic- - - - -	7,862.64
2 Lineman Helpers - - - - -	10,873.96
<hr/>	
1,067 Total Salaries	\$ 7,439,805.67
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Financial Statement (2)

Other than Salaries:

Repairs to Office Equipment- - - - -	\$ 469.99
Construction Tel. Co.- - - - -	2,252.00
Electric and Gas - - - - -	19,000.00
Time Service - - - - -	21.00
Demurrage Oxygen Cylinders - - - - -	50.00
Telephone Service - - - - -	15,888.00
Radio Maintenance - - - - -	32,264.00
Repairs to Equipment - - - - -	820.00
Blankets Laundered - - - - -	190.00
Exterminating Service- - - - -	250.00
Printing - - - - -	6,192.25
Stationery - - - - -	3,604.13
Badges - - - - -	600.00
Cable and Reels- - - - -	5,000.00
Fire Alarm Supplies- - - - -	11,600.20
Fuel Oil - - - - -	26,486.31
Window Shades- - - - -	1,093.18
Brooms, Brushes, etc.- - - - -	1,395.34
Soap, Waxes, etc.- - - - -	1,994.39
Ashcans, Pails, etc. - - - - -	410.15
Toilet Tissue - - - - -	471.95
Electric Lights- - - - -	802.23
Sash Cord and Tools- - - - -	450.00
Burgess Batteries- - - - -	2,491.97
Grease & Oils - - - - -	356.60
Paints and Brushes - - - - -	150.00
Paper Bags and Twine - - - - -	77.78
Flashlight Batteries and Cases - - - - -	149.50
Step Ladders - - - - -	70.00
Sisal Rope - - - - -	255.68
House Journals- - - - -	170.00
Bedding and Linens- - - - -	1,557.90
Uniform Buttons - - - - -	274.22
First Aid Supplies- - - - -	1,161.17
Oxygen Cylinders Refilled - - - - -	103.79
Canisters - - - - -	11,574.98
Bicarbonate and Sulphuric Acid - - - - -	200.00
Subscriptions and Books - - - - -	1,579.16
Postage - - - - -	400.00
Travel Allowance- - - - -	10,127.00
Clothing Allowance- - - - -	78,415.38
Fire Alarm Boxes - - - - -	3,201.60
Photographic Equipment- - - - -	259.83
Training Equipment- - - - -	100.00
Educational Films - - - - -	250.00
Fire Hose - - - - -	14,250.00
Salvage Covers- - - - -	805.00
Furniture - - - - -	1,939.01
Life Saving Equipment - - - - -	650.00

Financial Statement (3)

Other than Salaries (Cont'd)

Axes and Hooks- - - - -	\$ 587.96
Valves, Nozzles, etc. - - - - -	2,408.90
Extinguishers - - - - -	1,197.85
Masks - - - - -	1,000.00
Wet Water Penetrant - - - - -	257.25
Hand Lights - - - - -	650.00
Fire Fighting Equipment (Misc.) - - - - -	4,000.00
Office Equipment- - - - -	376.50
Tests on Evidence - - - - -	12.60
Dry Powder - - - - -	262.90
Miscellaneous Supplies- - - - -	2,072.00
Portable Radiophones- - - - -	252.89
Photographic Supplies - - - - -	850.00
Flags - - - - -	459.62
Hose and Hydrant Wrenches - - - - -	42.26
C.O.2 and Acetylene Refills - - - - -	1,600.00
Extinguisher Repairs - - - - -	-0-
Radiological Equipment - - - - -	22.50
Electrical Parts- - - - -	22.33
Repaired Mask Parts - - - - -	988.27
Ford Econoline Truck- - - - -	2,300.00
1 Sedan - - - - -	1,999.00
Nuclear Equipment - - - - -	-0-
7 Station Wagons- - - - -	23,800.00
2 Resuscitators - - - - -	520.00
Total	\$307,558.52

Miscellaneous Receipts - 1964

Refilling Soda & Acid Extinguishers- - - - -	328.75
Refilling Foam Extinguishers- - - - -	180.00
Sale of Extinguisher Supplies - - - - -	1.00
Sprinkler Heads Replaced- - - - -	400.00
Deposit on Badges- - - - -	3.00
Payments for Damage done to Fire Department Equipment - - - - -	181.16
Hotel Certificates- - - - -	2,220.00
Bureau of Combustibles, Permits - - - - -	57,477.00
Redeposited Checks- - - - -	124.00
Sale of Old Hose- - - - -	300.00
Miscellaneous - - - - -	1,072.63
Total	\$ 62,287.54

APPOINTMENTS - 1964

<u>NAME</u>	<u>DATE</u>	<u>TITLE</u>
Henry R. Coakley	January 13	Fireman
James F. Edgar	February 10	"
Ronald V. Greeley <i>Captain</i>	"	"
Robert A. Lynch	"	"
Philip G. Rosensteel	"	"
Robert E. Wiggins	February 20	"
William E. Smith	" 24	"
Eugene J. Anderson	April 6	"
Edward J. Chrystal	"	"
James H. Cody <i>Captain</i>	"	"
John P. Devlin	"	"
Joseph D. Garrity	"	"
Michael T. Ruane	"	"
Peter J. Sheridan	"	"
Anthony M. Slonim	"	"
Andrew T. Wargo	"	"
John DeMarzo	May 4	"
Anthony C. Lopes	"	"
Patsy D'Arcangelis	June 29	"
Frank Janusz	"	"
Robert R. Lindsey	"	"
Gerald E. Knight	July 20	"
Eugene P. Carragher	"	"
James J. Tremmel, Jr.	"	"
Harold H. Green	October 12	"
John J. Drew	" 16	Lineman (T)
Ronald O'Neill	October 26	Fireman

RETIREMENTS - 1964

Captain Harold F. Scholl	January 1
Fireman William V. Jakuc	" 20
" Frank Adams	February 1
" John H. Martin	" 14
" Edward Daum	March 1
Captain Frank J. Martin	April 1
Fireman Louis J. Moran	" 17
Captain William Boehringer	" 24
Fireman William H. Cunningham	June 16
Captain John P. Lucas	" 24
Fireman Harold Brand	" 30
" Michael E. Barrett	July 4
Lineman Walter Bastin	August 1
Fireman James Helies	November 13
Captain Herman G. Brunner	December 17

I N M E M O R I A M

Deaths of Active Members During 1964

Fireman William Rahl- January 8
Fireman Adrian J. Clintock - January 12
Fireman William T. Reed - May 22 --
(In Line of Duty)
Captain Edward A. Brady - July 5
Fireman John J. Dempsey - September 15
Captain Charles H. Egan September 19
Fireman Ronald Vincelli -October 12

COMPANY STATISTICS

COMPANY	ALARMS ANSWERED	ALARMS WORKED AT	EMERGENCY CALLS	OUT OF QUARTERS	ENGINE DUTY	BUILDINGS INSPECTED	HYDRANTS	DRILLS	HOSE
Eng. Co. 1	967	422	4	572:52	260:24	180	ED	353	57,650
" " 2	777	282	0	588:45	141:54	129	ED	367	40,000
" " 4	1116	492	0	568:00	208:00	319	402	379	43,750
" " 5	722	215	0	382:07	121:31	260	ED	320	34,100
" " 6	2048	751	6	794:06	288:11	733	402	447	70,200
" " 7	1495	424	0	628:28	225:15	ED	ED	377	67,750
" " 8	444	182	1	443:52	167:35	72	165	289	42,150
" " 9	923	334	0	420:40	177:52	173	85	449	36,350
" " 10	1452	608	1	689:00	485:53	263	199	375	66,050
" " 11	1097	401	0	577:06	171:54	319	401	390	39,700
" " 12	2126	534	0	712:51	215:50	298	270	432	59,100
" " 13	503	293	3	237:56	111:43	74	167	323	12,650
" " 14	822	270	3	572:12	155:03	203	233	239	40,550
" " 15	924	298	1	380:00	125:03	0	ED	540	32,950
" " 16	429	240	0	564:22	273:36	141	347	388	36,850
" " 17	1016	388	1	589:08	162:34	166	310	254	41,300
" " 18	1302	324	5	495:35	131:01	415	270	429	40,800
" " 19	589	331	1	427:03	160:40	184	82	401	33,000
" " 20	1957	744	2	885:42	490:09	504	377	375	112,500
" " 21	179	98	3	206:02	25:33	874	268	511	6,450
" " 26	274	157	0	310:00	52:00	275	80	312	6,700
" " 27	609	279	0	465:44	278:31	181	ED	291	39,700
" " 28	520	162	0	371:20	70:30	251	203	295	14,750
" " 29	761	253	1	366:42	55:49	910	757	366	19,050
" " 32	158	94	2	325:00	80:00	200	900	365	12,050
Fireboat	119	19	-	95:06	95:06	-	-	342	750
Salvage 1	1975	390	15	-	835:21	-	-	375	-
Salvage 2	2875	942	-	-	1547:35	-	-	350	-
Rescue Sq	1756	341	316	731:18 ResDuty	-	8	99	230	-
Searchlight	69	65	-	148:58	148:58	-	-	38	-
Totals	30,034	10,333	365	13,549:55	4,638:31	7,132	6,017	10,602	986,850

* E.D. - Entire District

1964

COMPANY STATISTICS (2)

COMPANY	TOTAL ALARMS ANSWERED	ALARMS WORKED AT	EMERGENCY CALLS	HOURS OUT OF QUARTERS	TOTAL FEET OF LADDERS	BUILDINGS INSPECTED	HYDRANTS INSPECTED	COMPANY DRILLS
Truck Co. 1	997	363		550:00	13,995	190	197	489
" " 2	886	301		584:06	11,545	250	115	264
" " 3	1,463	405		562:34	12,781	99	E. D.	300
" " 4	585	171		333:00	5,022	211	"	276
" " 5	2,022	589		726:58	24,159	342	"	348
" " 6	397	119		159:11	2,298	262	291	398
" " 7	514	111		201:49	3,316	115	143	329
" " 8	389	109		387:48	4,010	168	163	329
" " 9	1,177	306		503:59	6,470	112	130	373
" " 10	684	194	12	371:52	8,053	1,181	293	378
" " 11	871	247		547:12	8,725	237	187	403
" " 12	173	57	6	174:05	948	992	194	432
Totals	10,158	2,972	18	5102:34	101,322	4,159	1,713	4,319

DEPUTY DIVISIONS & BATTALION DISTRICTS	NUMBER OF ALARMS ANSWERED	NUMBER OF HOURS AT FIRES	NO. OF HOURS ON INSPECTION OF DISTRICT
Dep. Div. 1	1,960	783:35	666:00
" " 2	1,317	582:45	780:00
Batt. Dist. 1	857	388:25	1,872:00
" " 2	482	414:30	2,432:00
" " 3	315	192:00	1,740:00
" " 4	1,118	716:21	616:00
" " 5	430	377:00	698:00
Totals	6,679	3,454:36	8,824:00

1964

Company Statistics (3)

Salvage Companies 1 and 2

Canvas Covers Spread	1,383
Roof Covers Spread	40
Roofs covered by other means	163
Sprinkler System Restored to Service	--
Sprinkler Heads Replaced	180
Buildings Secured after Fires	534
No. of Buildings - Water Removed	547

Searchlight Co.

Supplied Floodlights	148:58 Hrs.
Electric Cable Used	9,200 Feet
Lamps Used	402

Special Service & Supply

No. of Alarms Answered	66
No. of times Smoke Ejector was used	6
No. of Emergency Lights Used	28

Supplied all Companies with Tools and Equipment

SUMMARY

Total No. Alarms Worked At	13,305
Total No. Alarms Answered	46,937
Total No. Hours Engine Duty	4,638:31
Total No. Feet of Hose Used	986,850
Total No. Feet of Ladders Used	101,322
Total No. of Company Hours out of Quarters	18,652:29

oOo

FIRE LOSS RECORD DIVISION

Annual Report for the Year
Ending December 31, 1964

Fire losses for the year 1964 were as follows:

	<u>Buildings</u>	<u>Contents</u>
January	\$208,401.99	\$632,877.37
February	205,714.04	162,638.57
March	309,211.22	205,548.57
April	238,732.60	69,493.40
May	185,905.85	56,000.33
June	163,172.50	174,352.24
July	105,395.77	38,103.95
August	243,579.93	83,037.15
September	102,573.20	58,373.42
October	183,620.02	100,308.54
November	131,914.32	73,134.91
December	<u>301,096.37</u>	<u>174,197.61</u>
Total	\$ 2,379,317.81	\$1,828,066.06

Combined Building & Content Loss:	\$4,207,383.87
Vehicle Losses:	<u>64,740.00</u>
Total Loss 1964	<u>\$4,272,123.87</u>

Per Capita Loss: \$10.54 (Based on 1960 Census Population 405,220)

Fire Loss Record Division (2)

Procedures:

1. Daily record of fires from Operator's Daily Alarm Sheet.
2. Check with companies first due.
 - a. location by street.
 - b. location in building.
 - c. Extent of involvement.
 - d. Owner and tenancy.
3. Writing and filing of Permanent Record.
4. Inspection of Premises by a member of this detail.
 - a. Recheck of points a to d above.
 - b. Insurance data as to coverage and notification of owners.
 - c. Names of insurance companies and agents involved.
 - d. Whether or not adjuster has been engaged, and name of same.
5. Interview by personal call from this office to verify above c and d.
6. Permanent record of losses and monthly total of losses.
7. Annual written report to Chief Engineer.

This detail is often called on for information which may not be available in other forms, and on occasion has access to information which may benefit certain investigations made by other city divisions or departments.

This detail has a wide acquaintance with insurance carriers and agents; in certain instances it may deal directly with home office of the insurance carriers.

In April 1964 this unit put into operation a new program with the insurance carriers. This program is an attempt by both the Fire Department and the insurance companies to reduce fire losses. As of this date, the program is continuing and becoming more well known by carriers who underwrite in Newark. It has been met with wholehearted approval by the executives of the leading companies.

Note: This detail has no legal authority to obtain or force information as to financial settlements from any interested party. The results obtained are strictly by means of cooperation between this office and insurance companies who have suffered losses. Therefore, in some instances it is necessary to estimate certain losses. In case of incipient fires, certain standards are applied as "Estimated Losses". Where loss is heavy, it is easier to obtain a more accurate record of actual payment to the assured.

ARSON SQUAD

Annual report submitted by
Battalion Chief Joseph L. Starrs
for the year ending December 31, 1964

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1964.

A summary included with this report, gives a complete breakdown of all investigations made by this division. This summary lists investigations of all Signal 100's, deaths at fires, complaints, arrests and apprehensions, and disposition of same.

This report does not include the names of adults or juveniles arrested, apprehended or released. The names and complete records of all cases are on file in the Arson Squad office.

Copies of all written statements from suspects and witnesses involved in fires of suspicious origin, together with final reports of all investigations made, official photographs of fire scenes, and all other classified information relative to Arson Squad operations, are readily available to the proper authorities.

Analysis certificates of all evidence submitted to the Police Laboratory or Edel Laboratories are on file in the Arson Squad Office. The evidence itself is secured in the Arson Squad property room, pending court action.

Throughout the year, this division worked in conjunction with the National Board of Fire Underwriters, National Fire Protection Association, Essex County Prosecutor's Office, Federal Bureau of Investigation, New Jersey Motor Vehicle Bureau, and other state and federal agencies, in the investigation of suspicious fires, arson suspects and other special investigations.

A daily association was maintained with our City Bureaus - Newark Police Department, Bureau of Combustibles and Fire Risks, and the Board of Education.

Special bulletins of all arrests or apprehensions, and all other important information are submitted daily to the Director and the Chief Engineer.

During the year 1964, nine Squad members attended Arson Seminars at Ohio State, Purdue and Rutgers Universities.

Reprimands

The summary report indicates a number of reprimands for juveniles apprehended. An explanation of the nature of our reprimands follows:

A file is kept in the Arson Squad office on all juveniles apprehended by Arson Squad teams. Each card contains the juvenile's name and address, school attended, date and nature of the infraction and the disposition of same.

Arson Squad (2)

Upon the apprehension of any juvenile from 8 years to 18 years, a check of this file is made, and if the juvenile is a repeater, or if his or her card is in our file for a former infraction, a report is immediately forwarded to the Youth Aid Bureau and the case is handled by them. If a juvenile is a first offender, he or she is given the courtesy of a reprimand in the Arson Squad office by either Battalion Chief Starrs or Captain O'Brien. Director Caufield sits in on some of these reprimands, especially when the infraction is of a very serious nature.

Upon apprehension of a juvenile for setting a fire, or sounding a false alarm, the juvenile, if a first offender, is left in the custody of the parents. A card is presented to the parents requesting the parents to appear in the Arson Squad office on the following day with the child.

This procedure was instituted by Director Caufield, and has produced excellent results. To date there have been many reprimands, and all parents asked to appear with their children have cooperated fully. The nature of the reprimand is mainly directed at the parent, emphasizing the parents' responsibility for the behavior of the child. The seriousness of the infraction is carefully spelled out to both child and parents. Among things discussed is the child's schooling as regards behavior in class, grades received, absenteeism, how he gets along with other children, behavior in the home, how he or she accepts brothers or sisters, the child's feeling toward the parents, etc.

These reprimands serve a two-fold purpose. Firstly, the parents, in some cases both parents, lose a day from work to appear in the Arson Squad office. This in itself is a fair guarantee the child will not commit the infraction again. The parents most surely will keep a closer watch on the child. Secondly, the parents return home with a better understanding of the primary function of the Newark Fire Department, which is to save lives and property from fire.

The reprimand is usually followed by a telephone call to the principal of the school the child attends, explaining the reason for the absence of the child, and soliciting another reprimand at the school level.

Although the reprimand is not the complete deterrent to future violations, it has been responsible in a large measure, for the drop in false alarms to our present figure.

FALSE ALARMS

The number of false alarms for 1964 decreased by 17 from the number of false alarms for 1963.

1963 - 934
1964 - 917

In 1962 the false alarm total was 1,897 and our 1963 figure of 934 showed a decrease of 51%. It is hoped that a further drastic reduction in false alarms can be effectuated for 1965. To accomplish this we need the continued cooperation of all the men in the fire fighting field. We in the Arson Squad welcome any suggestions that may help us achieve this goal.

Arson Squad (3)

The following is a report of the activities of the Arson Division of the Newark Fire Department for the year 1964.

Fires Investigated	520
Complaints Investigated	22
False Alarms Investigated	<u>917</u>
Total Investigations	1,459
Investigations out of city	<u>2</u>
Total	1,461

Included in these investigations are the following:

Incendiary Fires	110
2nd Alarm Fires	31
3rd Alarm Fires	6
4th Alarm Fires	1
Deaths by Fire	25

DEATHS BY FIRE

- CAUSE -

Salamander	2
Gas Heater (ignited clothing)	3
Careless Smoking	10
Incendiary	1
Children playing with matches	2
Oil Stoves	2
Undetermined	1
Still under investigation	<u>4</u>
Total	25

ADULT ARRESTS

For Setting Fires	14
For Sounding False Alarms	40
Other Arrests	<u>7</u>
Total	61

JUVENILES REPRIMANDED

For Setting Fires	57
For Sounding False Alarms	<u>43</u>
Total	100

JUVENILES REFERRED TO AID BUREAU

For Setting Fires	47
For Sounding False Alarm	34
Other infractions	<u>4</u>
Total	85

OVERALL TOTAL ARRESTS

246

1964

Arson Squad (4)

DEATHS BY FIRE IN 1964

<u>Cause</u>	<u>Station</u>	<u>Time</u>	<u>Sex</u>	<u>Age</u>	<u>Date</u>
Salamander	3519	10:29 A.M.	M	15	1/11/64
"	"	"	M	54	"
Undetermined	1128	8:43 P.M.	F	41	2/23/64
Gas Stove ignited clothes	Sig. 5	4:10 P.M.	M	5	2/25/64
" " " "	Complaint	--	M	76	2/24/64
Careless Smoking	Sig. 5	6:24 A.M.	M	35	3/17/64
" "	3229	12:17 A.M.	M	35	3/10/64
" "	2231	3:11 A.M.	M	48	3/22/64
" "	4583	5:35 P.M.	M	75	3/31/64
" "	2123	10:32 P.M.	M	30	4/6/64
Incendiary	1135	11:30 P.M.	M	45	5/6/64
Careless Smoking	4139	3:22 A.M.	F	32	5/9/64
Child with Matches	3118	1:53 P.M.	M	52	5/22/64
Careless Smoking	1435	1:33 A.M.	M	8	8/22/64
Oil Stove	4116	5:40 A.M.	M	60	10/10/64 ✓
Careless Smoking	Sig. 5	6:22 P.M.	M	60	11/2/64
Child with Matches	1229	2:32 P.M.	F	6	11/4/64
Careless Smoking	4342	5:02 A.M.	M	31	11/8/64
Undetermined	1592	9:23 P.M.	M	69	12/11/64
"	"	"	F	82	12/11/64
"	"	"	F	77	12/11/64
Oil Stove	1219	5:48 P.M.	M	40	12/14/64 ✓
Undetermined	1143	4:05 A.M.	F	38	12/20/64
Gas Stove ignited Clothes	Complaint	Police	F	6½	12/20/64
Careless Smoking	4663	1:21 A.M.	M	80	12/28/64

Following is a detailed list of apprehensions and their final disposition. The final adjudication of all juvenile arrests referred to the Youth Aid Bureau of the Newark Police Dept. are on file in the Arson Squad office..

ARRESTS - FALSE ALARMS - ADULTS

<u>Date</u>	<u>Verdict</u>	<u>Disposition</u>
1/3	Guilty	90 days in jail.
1/31	"	30 days and \$100.
2/24	"	90 days in jail.
3/14	"	30 days in jail.
3/25	"	60 days in jail.
3/27	"	Trenton State Hospital.
4/3	"	60 days in jail.
4/4	"	Overbrook Hospital.
4/4	"	90 days in jail.
5/4	"	\$100.00 fine.
5/9	"	90 days in jail.
6/5	"	\$50.00 fine.
6/6	"	\$200.00 fine.
6/7	"	90 days in jail.
6/9	"	\$100 fine.

Arson Squad (5)

Arrests, False Alarms, Adults Cont'd.

<u>Date</u>	<u>Verdict</u>	<u>Disposition</u>
6/12	Guilty	\$50.00 fine.
6/21	"	30 days in jail and \$50.00 fine.
6/29	"	\$200.00 fine.
7/9	"	60 days in jail.
7/20	"	Deported to Canada.
7/20	"	Guilty. Sentence suspended.
8/16	"	\$200.00 fine.
8/18	"	90 days in jail.
8/20	"	60 days in jail.
9/8	"	30 days and \$25.00 fine.
9/14	"	60 days in jail.
9/16	"	\$200.00 fine.
9/19	"	\$200.00 fine.
9/25	Pending	Pending
9/26	Guilty	90 days in jail.
9/26	"	90 days in jail.
10/13	"	90 days in jail.
10/19	"	\$100.00 fine.
10/19	"	\$100.00 fine.
10/26	"	Sentence suspended.
11/7	"	90 days.
11/9	"	90 days.
12/4	Not Guilty	Dismissed.
12/7	Guilty	Sentence suspended.

77 ARRESTS - FALSE ALARMS - JUVENILES

1/7	Reprimanded at Arson Squad office (2 juveniles).
1/7	Referred to Youth Aid Bureau (3 juveniles).
1/11	Reprimanded at Arson Squad office (1 juvenile).
1/17	Reprimanded at Arson Squad office (2 juveniles).
1/20	Reprimanded at Arson Squad office (1 juvenile).
1/27	Reprimanded at Arson Squad office (1 juvenile).
1/28	Referred to Youth Aid Bureau (3 juveniles).
2/7	Referred to Youth Aid Bureau (1 juvenile).
2/11	Referred to Youth Aid Bureau (1 Juvenile).
2/14	Reprimanded at Arson Squad office (1 juvenile.)
2/24	Reprimanded at Arson Squad office (1 juvenile).
2/28	Referred to Youth Aid Bureau (1 juvenile).
2/29	Reprimanded at Arson Squad office (2 juveniles).
3/13	Referred to Youth Aid Bureau (2 juveniles).
3/14	Referred to Youth Aid Bureau (1 juvenile).
3/14	Reprimanded at Arson Squad office (1 juvenile).
3/17	Reprimanded at Arson Squad office (4 juveniles).
3/19	Reprimanded at Arson Squad office (1 juvenile).
3/24	Reprimanded at Arson Squad office (1 juvenile).
3/26	Reprimanded at Arson Squad office (1 juvenile).
4/11	Referred to Youth Aid Bureau (1 Juvenile).
4/12	Referred to Youth Aid Bureau (1 juvenile).
4/16	Referred to Youth Aid Bureau (4 juveniles).

Arson Squad (6)

Juvenile Arrests - False Alarms Cont'd

5/8	Reprimanded at Arson Squad office (2 juveniles).
5/19	Reprimanded at Arson Squad office (1 juvenile).
5/27	Reprimanded at Arson Squad office (1 juvenile).
6/4	Reprimanded at Arson Squad office (1 juvenile).
6/5	Referred to Youth Aid Bureau (3 juveniles).
6/5	Reprimanded at Arson Squad office (3 juveniles).
6/8	Reprimanded at Arson Squad office (2 juveniles).
6/18	Reprimanded at Arson Squad office (2 juveniles).
6/22	Referred to Youth Aid Bureau (2 juveniles).
6/27	Referred to Youth Aid Bureau (1 juvenile).
6/28	Reprimanded at Arson Squad office (1 juvenile).
7/22	Referred to Youth Aid Bureau (5 juveniles).
7/22	Reprimanded at Arson Squad office (2 juveniles).
7/31	Reprimanded at Arson Squad office (2 juveniles).
8/19	Youth Aid Bureau (1 juvenile).
8/28	Reprimanded at Arson Squad office (1 juvenile).
8/29	Referred to Youth Aid Bureau (1 juvenile).
9/6	Referred to Youth Aid Bureau (2 juveniles).
9/11	Reprimanded at Arson Squad office (1 juvenile).
9/20	Reprimanded at Arson Squad office (1 juvenile).
10/13	Reprimanded at Arson Squad office (1 juvenile).
10/20	Reprimanded at Arson Squad office (1 juvenile).
11/6	Reprimanded at Arson Squad office (1 juvenile).
11/9	Referred to Youth Aid Bureau (1 juvenile).
12/7	Reprimanded at Arson Squad office (1 juvenile).

OTHER ARRESTS - ADULTS

Date	Violation	Verdict	Disposition
1/7	14.414 *	Guilty	Trenton State Hospital
1/23	14.414	"	\$25.00 fine.
2/20	Violation Bldg. Code	"	\$50.00 fine.
2/29	Loitering & Liquor	"	30 days in jail.
2/28	Arson	"	Awaiting sentencing.
3/11	Arson	"	Awaiting trial.
4/12	Arson	"	1 yr. probation, psychiatric case.
4/10	14.414	Not Guilty.	Dismissed.
4/10	14.414	" "	"
4/10	Open Burning	Guilty	30 days in jail.
4/21	Violation Bldg Code	Guilty	\$50.00 fine.
5/22	Arson	"	Awaiting sentencing.
6/22	Attempted Arson	"	2 to 3 years State Prison.
6/24	Interfering	"	\$50.00 fine.
6/29	14.414	"	\$250.00 fine.
6/30	Arson	"	Awaiting trial.
7/23	Arson	"	Trenton State Hospital.
8/22	14.414	"	\$25.00 fine.
9/12	Loitering & Liquor	"	30 days in jail.
10/27	Disorderly conduct	"	\$100.00 fine.
11/5	Attempted Arson	"	Dismissed.

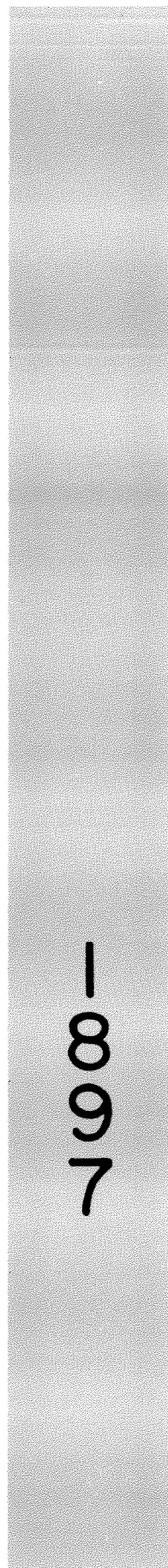
*Causing a fire in a place of abode or assembly by negligence.

Arson Squad (7)

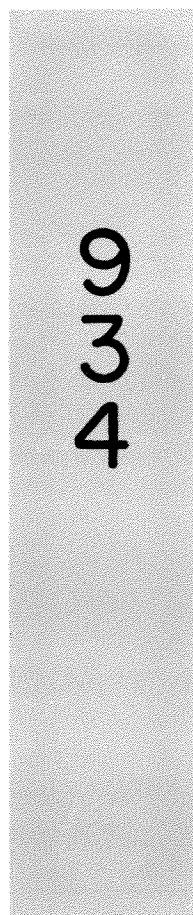
JUVENILE ARRESTS
OTHER THAN FALSE ALARMS

<u>DATE</u>	<u>VIOLATION</u>	<u>DISPOSITION</u>
1/3	Setting Fire.	Ref. to Youth Aid Bureau (1 juvenile).
1/4	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
1/11	Setting Fire.	Ref. to Youth Aid Bureau (4 juveniles).
1/14	Setting Fire.	Ref. to Youth Aid Bureau (1 juvenile).
1/21	Setting Fire.	Ref. to Youth Aid Bureau (2 juveniles).
1/28	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
1/29	Damaging Cars.	Ref. to Youth Aid Bureau (4 juveniles).
2/5	Setting fire.	Reprimand at Arson Squad (9 juveniles).
2/14	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
2/15	Setting Fire.	Ref. to Youth Aid Bureau (2 juveniles).
2/22	Setting Fire.	Ref. to Youth Aid Bureau (3 juveniles).
2/24	Setting Fire.	Reprimand at Arson Squad. (1 juvenile).
2/29	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
3/24	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
4/4	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
4/21	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
5/3	Setting Fire.	Ref. to Youth Aid Bureau (2 juveniles).
5/5	Setting Fire.	Ref. to Youth Aid Bureau (1 juvenile).
5/6	Set a fire which caused a death.	Ref. to Youth Aid Bureau (3 juveniles).
5/23	Setting fire.	Reprimand at Arson Squad (2 juveniles).
5/24	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
5/26	Setting Fire.	Reprimand at Arson Squad (1 juvenile).'
5/28	Setting Fire.	Reprimand at Arson Squad (3 juveniles).
6/1	Setting Fire.	Referred to Youth Aid Bureau (5 juveniles).
6/8	Setting Fire.	Referred to Youth Aid Bureau (4 juveniles).
6/10	Setting Fire.	Referred to Youth Aid Bureau (1 juvenile).
6/11	Setting Fire.	Reprimand at Arson Squad (3 juveniles).
6/12	Setting Fire.	Ref. to Youth Aid Bureau (3 juveniles).
6/17	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
6/26	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
7/1	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
7/4	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
7/23	Setting Fire.	Reprimand at Arson Squad 1 juvenile).
7/24	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
8/5	Setting Fire.	Referred to Youth Aid Bureau (5 juveniles).
8/19	Setting Fire.	Ref. to Youth Aid Bureau (1 juvenile).
8/19	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
9/1	Setting Fires.	Reprimand at Arson Squad (4 juveniles).
9/2	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
9/10	Setting Fire.	Reprimand at Arson Squad (2 juveniles).
9/12	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
9/14	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
9/30	Setting Fire.	Ref. to Youth Aid Bureau (3 juveniles).
10/5	Setting Fire.	Ref. to Youth Aid Bureau (1 juvenile).
10/7	Setting Fire.	Reprimand at Arson Squad 2 juveniles).
10/23	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
10/29	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
11/8	Setting Fire.	Reprimand at Arson Squad (1 Juvenile).
11/18	Setting Fire.	Reprimand at Arson Squad (1 juvenile).
11/20	Setting Fire.	Reprimand at Arson Squad (1 Juvenile).
11/21	Setting Fire.	Ref. to Youth Aid Bureau (3 juveniles).
12/14	Setting Fire.	Reprimand at Arson Squad (1 juvenile).

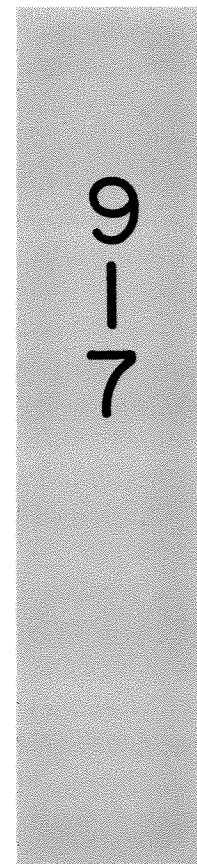
FALSE ALARMS YEARLY COMPARISON CHART



1962



1963



1964

COMBUSTIBLES DIVISION

Annual Report submitted by
Chief Inspector Charles V. Stiennen
for the year ending December 31, 1964

Fires Investigated.	4,073
Complaints Investigated	1,726

INSPECTIONS

Garages.	3,935
Fuel Oil Tanks	518
Locations (Initial Inspection for location of fuel tanks)	585
Oil Burners	505
Gasoline Tanks	31
Solvent Tanks, etc.	31
Pumps, (All Types)	99
Spray Booths	10
Oil Heaters	30
Rooming Houses	913
Hotels	399
Theatres	613
Hospitals	222
Schools	119
Junk Yards and Shops	110
Violations Corrected (Re-Inspections	872
General Inspections (Dwelling, Commercial, Public, Industrial, etc.).	10,951
TOTAL INSPECTIONS	<u>23,915</u>

Notices of Violations Issued	1,333
Court Actions Instituted	38
Convictions	9

PERMITS

Garages, Service Stations, etc.	2,789
Combustible Storage, Mfg., etc.	4,545
Oil Trucks and other Solvent Trucks	845
Installing Oil Burners, Tanks, Pumps, etc.	830
Oil Heaters	29
Motion Picture Operators Licenses	91
TOTAL PERMITS.	<u>9,149</u>

Special Details	97
Special Fire Prevention Demonstrations	93
Plans Examined and Approved	146

FEEES COLLECTED FROM JANUARY 1, 1964 THROUGH DECEMBER 31, 1964	\$.57,447.
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COMBUSTIBLES DIVISION
(Continued)
CLASSIFICATION OF FIRES

1 Acid Drum	2 Gas Pumps	82 Sewer Fires
1 Air Conditioner	33 Gas Stoves	24 Schools
743 Apartments	5 Gas Stations	34 Sheds
1 Armory	63 Garbage Cans	2 Ship Fires
191 Auto Accidents	45 Garage (Private)	3 Show Rooms
1079 Auto Fires	4 Garage (Commercial)	164 Stores (3 Dept.Stores)
1 Auto Laundry	10 Garage (Public)	2 Stables
	10 Gas Heater	2 Smudge Pots
2 Bakeries	14 Gratings	1 Suction Pumps
1 Barn	9 High Schools	9 Super Markets
1 Boat	18 Hospitals	2 Space Heaters
53 Bon Fires	2 Home for Aged	1 Synagogue
1 Bowling Alley	31 Hotels	
2 Breweries		3 Tar Pots
718 Brush	17 Industrial Buildings	11 Taxis
1 Bulk Gas Tank		49 Taverns
12 Buses	39 Junk Yards	8 Theatres
26 Business Bldgs.		852 Tenements
	9 Laundromats	176 Trucks
1 Cafeteria	4 Luncheonettes	11 Trailers
1 Carnival		21 T.V.Sets
10 Christmas Trees	8 Mail Boxes	19 Trees
1 Christmas Wreath	1 Motel	
23 Churches	4 Motorcycles	
5 City Refuse Boxes		65 Warehouses
1 Clothes Pole	1 Nurses Home	2 Wagons
4 Club House		1 Waxing Machine
1 Construction Shed	10 Office Buildings	1 Wax Pot
1 Construction Ditch	8 Outside Phone Booths	
1 Convent		
1 Crane	1 Pool Hall	
	1 P.S. Sub Station	
5 Degreasers	6 Transformers	
7 Diners	30 P.S. Wires	
39 Dumps	6 Parking Lots	
2 Ducts		
2 Docks	3 Radios	
1 Dumbwaiter	35 Restaurants	
1 Dumpster	44 Railroad Ties	
636 Dwellings	1 Railroad Trestle	
	1 Record Machine	
262 Factories	5 Railroad Bridges	
8 Fences	669 Rubbish	
3 Fork Truck	76 Rooming Houses	
13 Freight Car		
1 Freight Platform		

COMBUSTIBLES DIVISION

CAUSES OF FIRES

1 Air Cleaner	6 Gas Spill
3 Ashes	9 Hot Water Heaters
2 Battery Cables	6 Illegal Burning
1 Battery Charger	2 Illuminating Gas
9 Brakes	110 Incendiaries
5 Breaking - Entry	3 Kerosene Lamps
2 Bulbs	33 Kerosene Stoves
13 Candles	226 Matches (Children)
21 Fumigation Candles	244 Matches (Other)
406 Careless Cooking	334 Miscellaneous
15 Careless Handling of Flammable Liquid	1 Molotov Cocktail
209 Carburetors	57 Motors
1 Chemical Reaction	244 Oil Burners
70 Chimneys	4 Oil Heaters
3 Cigarette Lighter	2 Propane Tanks
13 Clothes Dryers	37 Radiated Heat
11 Coal Stoves	27 Rekindle
49 Defective Wiring	10 Salamanders
5 Degreasers	751 Shorts
3 Electric Heaters	1917 Smoking
4 Electric Irons	98 Spontaneous Ignition
3 Electric Toasters	70 Sparks
3 Exposure	5 Sparks Train
1 Exhaust Pipe	3 Static Electricity
6 Explosions	5 Suspicious
2 Fans	48 Torches
11 Fire Crackers	11 Transmissions
5 Flares	598 Undetermined
23 Friction	162 Vagrants
1 Fuel Pump	14 Vandals
7 Flue Pipe	
76 Furnace	

COMBUSTIBLES DIVISION

PRINCIPAL FIRES 1964

<u>DATE</u>	<u>ALARM</u>	<u>ADDRESS</u>	<u>TYPE BLDG.</u>	<u>CAUSE</u>	<u>OCCUPANCY</u>
1/5	2nd	19 Ridgewood Ave.	3 Fr.Ten.	Ker.Oil Stove	J. Gibson
1/11	2nd	145 New St.	3 Fr.Apt.	Vagrants	Vacant
1/13	2nd	27 Hillside Pl.	4 Br.Apt.	Vagrants	Vacant
2/7	2nd	571 Orange St.	3 Br.Dwell.	Def.Oil Burner	B. Tallin
2/14	2nd	142 Lockwood St.	2 Br.Factory	Welder'sTorch	Atlas Ref.
2/23	3rd	31 Prince St.	3 Br.Dwell.	Undetermined	Sokobin
3/21	2nd	358 Broadway	1 Br.Factory	Undetermined	F.Kollansec
3/26	2nd	401 South St.	1 Cin.Block	Spon.Ignition	Gold Coop.
3/27	3rd	36-38-40 Hunterdon St.	3 Fr.Ten.	Undetermined	Various
3/28	2nd	92 Stratford Pl.	3 Fr.Dwell.	Smoking	J.L.Townsend
4/12	2nd	360 High St.	4 Br.Apt.	Incendiary	N.H.A.
4/14	2nd	533 Bergen St.	3 Fr.Ten.	Vagrants	Various
4/15	2nd	72-74-South 7th St.	2 Fr.Dwell.	Short	Various
5/20	2nd	78 No. 6th St.	4 Br. Apt.	Undetermined	G.Farnham
5/28	2nd	32-38 Coes Pl.	2½ Fr.Dwell.	Children-Matches	Vacant
5/29	2nd	177 Orchard St.	3 Fr.Rm.House	Arson	Various
6/1	3rd	44 Mulberry St.	4Br.Hotel	Def.Wiring	HotelPlaza
6/10	2nd	1005 Broad St.	2 Br.Vacant	Vagrants	Vacant
6/14	4th	142 Lockwood St.	2 Br.Factory	Undetermined	Atlas Ref.
6/23	3rd	92-94-96-98 Pennsylvania Ave.	3 Fr.Dwell.	Undetermined	Various
7/1	2nd	26-28 Hillside Pl.	3 Fr.Dwell.	Child-Matches	Vacant
8/4	2nd	83 Polk St.	1 Fr.Factory	Flying Embers	Flockhart
8-9	2nd	272 So.Orange Ave.	3 Fr.Dwell.	Children-Matches	Various
8/21	2nd	Port Newark (Pier #28)	Ship Fire	Undetermined	Ahrenkiel
8/22	2nd	71 Stratford Pl.	3 Fr.Dwell.	Vagrants	Vacant
9/3	2nd	13 Miller St.	3 Fr.Rm.House	Smoking	Various
10/13	2nd	24 Wright St.	3 Fr.Ten.	Careless Cooking	Various
10/31	2nd	57-59-59½ Pennsylvania Ave.	3 Fr.Ten.	Boys Matches	Various
11/15	2nd	176-178 William Street	1 Br.Garage	Careless Smoking	N.H.A.
11/16	2nd	6-8 Second St.	3 Fr.Ten.	Undetermined	Various
11-18	2nd	54-56 Vincent St.	3 Fr.Ten.Tav.	Careless Smoking	Katz's Tav
11/23	2nd	242 - 1st St.	3 Fr.Ten.	Undetermined	Various
12-11	2nd	934-936 So. Orange Ave.	3 Fr.Ten.Tav.	Undetermined	Joli Lounge
12/21	2nd	259½ High St.	4 Br. Apt.	Incendiary	Malloy'sTavern
12-25	2nd	67 Hartford St.	3 Fr.Dwell.	Kero.Oil Lamp	AlbertaReed

FIRE PREVENTION BUREAU

Annual Report submitted by
Deputy Chief Fred Crowley
for the year ending December 31, 1964

The following is an account of additional activities conducted by the Fire Prevention Bureau, Combustible Division, for the year 1964.

Special inspections of all schools, public, parochial, and private were made for the purpose of eliminating all possible hazards and submitting to the Superintendent of Schools and other authorities a list of violations which were to be corrected.

Special inspections of all taverns for any violations were made prior to issuance of licenses or the granting of renewals by the A.B.C. Board.

Notices regarding holiday decorations were distributed to all taverns, restaurants, hotels, and night clubs. Other notices were distributed to storekeepers in relation to Christmas decorations and storage of stock.

Letters were sent to the Building, Health, and Electrical Departments listing violations of their respective Codes which fire inspectors found while making their inspections. These departments were also furnished with addresses of properties that suffered fire damage so that their inspectors could make necessary inspections before issuing permits for repairs in the various categories.

A special detail from this division patrolled the downtown area to check on conditions, and to prevent smoking in stores during the Christmas rush.

Special inspections were made in cooperation with the Superintendent of the Building Department, of all stairways, refrigerator systems, air conditioned systems, etc., of all new buildings, remodeled buildings, hotels and hospitals. Special tests were made on new standpipe installations, sprinkler systems and fire pumps. Special inspections were made in conjunction with other City Departments in connection with licenses for dance halls, hotels, boarding houses and rooming houses.

Details were assigned to various locations throughout the city for fireworks displays, carnivals, and all special events involving large groups of people.

Chief Inspector Charles V. Stiennen attended conferences with the National Commission for Neighborhood Conservation and Rehabilitation and made recommendations for fire prevention measures.

Sixteen subpoenas were served to this office for records in fire investigations and fifteen court appearances were made by officers and members of this Bureau for violations of the City Fire Code.

Special inspections were made for requirements of the new ordinance pertaining to explosion proof refrigerators in hospitals, industry, and other buildings.

Fire Prevention Bureau (2)

Certificates of achievement were awarded to schools, hospitals and other institutions in 1964. These certificates were awarded for efficiency in conducting fire drills and other fire prevention activities throughout the year.

Where certificates were awarded, fire drills and evacuation plans were evaluated and improved. All personnel including members of the staff received training in these activities plus instruction and actual operation of all types of fire extinguishers.

During the Christmas season in 1964, a special fire prevention pamphlet entitled "Gifts at Christmas" was inserted in all of the Bureau's outgoing mail. This pamphlet contains necessary precautions for Christmas trees, and other safety measures in case of fire. The Newark Post Office received these pamphlets for distribution in the main office and in branch post offices. 53,000 of these pamphlets were distributed in this manner.

Another pamphlet entitled "60 Ways to Prevent Fire in Your Home" was also distributed in all mail from this Bureau. This pamphlet spells out inspection practices for the home and other recommendations for home fire safety. 12,000 of these pamphlets were distributed in this manner.

FIRE PREVENTION WEEK

During Fire Prevention Week talks on fire prevention were given to 97 assemblies in public, parochial, and private schools.

These talks were given by officers and members of the department who successfully completed a course in public speaking. The speakers also conducted fire drills in schools and distributed 121,000 fire prevention pamphlets to these assemblies.

Officers and members of the Fire Prevention Bureau distributed 1,400 special fire prevention posters to stores, factories, schools and other buildings throughout the city.

Outdoor fire fighting demonstrations and fire rescue operations were conducted by the Fire Department at Military Park, the Newark Post Office, and at other locations in the City.

Portable kerosene heaters were displayed on a special float constructed by the Fire Department, and equipped with signs indicating the number of lives lost through the use of such stoves. The float also carried signs with the number of lives lost through careless smoking

This float was driven through the city and was stationed at locations where it could be observed by the public.

HOTELS

In 1964, a new "Hotel Fire Safety Plan" was launched in Newark by the Fire Prevention Bureau. All hotels in the City were visited by Fire Department representatives with written instructions for use by managements for the fire safety of all persons in such buildings. These instructions were directed to employees in hotels for evacuation, fire fighting and fire prevention. This program will be continued as a permanent part of fire prevention activities by this Bureau.

Fire Prevention Bureau (3)

ROOMING HOUSES

Another innovation in the Fire Prevention Bureau was started in 1964 in the form of written instructions delivered to owners and operators of rooming houses in Newark. With the use of these instructions, Fire Inspectors will aid rooming house operators to maintain a more fire safe establishment.

These written instructions include Newark City Fire Code requirements and other safety features for fire prevention in rooming houses. This activity will also be continued as a regular part of fire prevention in the City of Newark.

FIRE FIGHTING DEMONSTRATIONS

In 1964 , fire fighting demonstrations were conducted on 51 occasions which included instruction of personnel in hospitals, nursing homes, orphanages, and schools.

Participation in fire drills and operation of fire extinguishing equipment by staff members and other employees of these establishments was conducted by officers and members of the Fire Prevention Bureau.

MISCELLANEOUS

Four members of this division attended a special course of instruction for fire inspectors conducted by the University of Maryland in April 1964. This course was designed specifically for full time fire inspectors.

Representatives of the Fire Prevention Bureau assisted other departments of the city government by providing information in cases requiring action such as procedures on inspection and investigation of fires, and other conditions where violations of ordinances existed.

Lectures were given by members of this division on fire investigation, fire inspection, duties of inspectors, etc. These lectures were given on a municipal, county, and state level in various fire schools throughout the state.

The Fire Prevention Bureau is also represented by membership in the New Jersey State Fire Prevention Association, the National Fire Protection Association, the New Jersey State Fire College, and the New Jersey State Safety Council.

FIRE ALARM AND RADIO DIVISION

Annual Report submitted by
Supt. Arthur J. Moore
for the year ending December 31, 1964

<u>General Service Line Force</u>	<u>Totals</u>
1. Subterranean cable installed, programmed replacements, circuit extensions. (Feet of conductor).	105,285
2. Old cable removed (Feet of conductor).	35,400
3. Complete transfers of equipment from old to new poles	63
4. Line wire installed (circuit extensions, replacement) (feet of conductor).	29,255
5. Pedestals or stanchions set	4
6. Fire Alarm Boxes installed.	1
7. Fire Alarm Boxes replaced with newer models.	25
8. Messenger wire installed (feet).	2,040
9. Fire Alarm Boxes relocated	3
10. Pole construction overhauled.	17
11. Subterranean ducts rodded and cleaned (feet)	2,425
12. Construction released on poles	51
13. New cable test or junction boxes installed	5
14. Duct wire installed (feet)	3,355
15. Cable test or junction points rehabilitated.	1
16. Pole line faults found and referred to utility owner for correction	23
17. Preventive maintenance patrol of aerial circuits (miles)	20.9
18. Trees trimmed	336
19. Fire house batteries serviced (sets)	110
20. Cleared weeds and brush around fire box poles and stanchions to increase visibility	8
21. Tree Guards installed	2
22. Reset or replaced stanchions or fire boxes damaged by motor vehicles	5
23. Cross arms installed (circuit extensions, etc.)	65
24. Division's motor vehicles washed and serviced	468
25. Janitorial duties (man hours)	1,400
26. Other major job operations completed: (Spliced cables; eliminated conductor slack; drilled poles; relocated fire alarm boxes; installed mechanical devices to thwart false alarmists; corrected faults; etc.)	368
27. Other minor job operations completed: (replaced pole insulators, pins; retaped splices; inspected equipment, etc.)	189
28. Accumulated overtime (man-hours)	534
<u>Box Inspector</u>	
1. Fire Alarm boxes inspected, cleaned and tested	1,031
2. Test box locks replaced with tamper-proof device.	19
3. Supervised fire alarm box and stanchion painting	528
4. Fire boxes daubed with chemicals	284
5. Other minor jobs of preventive maintenance completed: (tightened connections; wound box mechanisms, etc.)	438
6. Other major jobs of preventive maintenance completed: (Substituted signal box movements; changed fire box locks; made ready replacement units; etc.)	122

Fire Alarm and Radio Division (2)

Repair Shop Maintenance Force

1. Audio Hailers inspected and tested	8
2. Auxiliary Central Office power plant test operated (hours)	70
3. Office panels cleaned, equipment refurbished.	12
4. Recorders and time stamps inspected and tested	144
5. Other major job operations completed: (rewired fire alarm boxes and firehouses; repaired electrical apparatus, etc.)	124
6. Other minor job operations completed: (Cleaned office instruments; sharpened tools; conducted tests; maintained shop stock records, etc.)	1,111

Engineering, planning, miscellaneous

1. Maintained field communication center at fires (hours)	60
2. Inspection of field facilities (locations)	895
3. Inspection of systems in private property	32
4. Private contractors assisted in planning fire alarm systems	5
5. Circuits patrolled (miles)	191
6. Schools and institutions surveyed for fire alarm	3
7. City sites inspected for proposed installation of street boxes . . .	11
8. Engineering, planning (man hours)	280
9. Accumulated overtime hours	60

Central Office Force

1. Alarms transmitted.	11,272
2. False Alarms received (records of these kept by Arson Squad) . . .	917
3. Box tests supervised	1,031
4. Misdirected telephone reports for fire from surrounding municipalities received and conveyed to proper department.	0
5. Tests from private fire alarm companies supervised	2,923
6. Tests conducted of Airport fire alarm facilities	766
7. Telephone calls handled over P.B.X. switchboard (approx.)	500,000
8. Radio calls handled	171,000
9. Number of circuits completely tested.	66,183
10. Misc. reports prepared and distributed	6,700
11. Individuals and agencies dispatched to multiple alarm incidents by telephone	765
12. Other minor job operations completed: (Performed janitorial duties; performed bookkeeping functions	2,550

C E N T R A L O F F I C E

ITEMS		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1. GONG ALARMS TRANSMITTED TO THE DEPARTMENT														
(a)	Full assignment alarms (Response of all units normally scheduled)	367	332	413	395	458	364	351	354	380	383	358	390	4,545
(b)	Signal 8 Alarms. (An Engine Co. Truck Unit and Batt. Chief)	74	51	45	45	60	41	46	57	41	42	42	72	616
(c)	Signal 9 Alarms. (Two Engine Co's. a Truck unit and Battalion Chief Respond	3	0	7	2	17	3	13	6	6	7	3	16	83
(d)	Total of the foregoing	444	383	465	442	535	408	410	417	427	432	403	478	5,244
2. ONE UNIT ALARMS TRANSMITTED TO THE DEPARTMENT.														
(a)	Signal Fire Alarms (For minor outside incidents, parades, drills, etc.)	390	362	484	471	860	537	501	608	613	720	637	419	6,028
3.	TOTAL ALARMS IN ALL CATEGORIES.	834	745	949	913	1395	945	911	1025	1040	1152	1040	897	11,846
4. METHOD BY WHICH CENTRAL OFFICE RECEIVED ALARMS.														
(a)	From Municipal Fire Alarm Box	160	131	217	190	263	207	186	222	266	204	180	167	2,393
(b)	From Public by telephone	239	232	229	233	250	176	203	177	194	214	200	287	2,634
(c)	From American District Telegraph private automatic systems	21	11	11	9	8	14	13	10	5	8	10	14	134
(d)	From Newark District Telegraph private automatic systems.	7	2	3	5	1	2	1	3	0	1	0	1	26
(e)	From Electro Protective Company's private automatic systems.	3	1	4	1	0	2	2	1	0	0	3	2	19
(f)	Telephone alarms initially communicated to Police by the public, and relayed to Fire Department.	4	3	0	2	4	3	1	1	2	1	3	2	26
(g)	Telephone alarms initially routed to other Fire Departments, relayed to this Central Office by them.	0	0	0	0	0	0	0	0	0	0	0	0	0

Items		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
(h)	Fires reported by personal visit to fire house	6	1	1	0	2	1	1	2	3	2	4	3	26
(i)	Alarms ordered by radio from Dept. units in the field	4	2	0	2	7	3	3	1	5	2	3	2	34
(j)	TOTAL (Paragraph 1)	444	383	465	442	535	408	410	417	427	432	403	478	5,244
5.	MULTIPLE ALARMS.													
(a)	Second Alarms (incidents handled by two full assignment responses	3	2	3	3	3	1	1	4	1	3	4	3	31
(b)	Third Alarms (Incidents wherein (three full assignment responses were required)	0	1	1	0	0	2	0	0	0	0	0	2	6
(c)	Fourth Alarms. Incidents wherein four full assignment responses were required	0	0	0	0	0	1	0	0	0	0	0	0	1
	Total Multiple Alarms	3	3	4	3	3	4	1	4	1	3	4	5	38
6.	ALARMS FROM FIRE BOXES													
(a)	Total number of fire alarm boxes pulled for incidents	209	167	289	251	374	300	243	295	266	291	241	207	3,133
(b)	Number of signals from fire boxes suppressed because alarm had been already transmitted	49	36	72	61	111	93	57	73	48	87	61	40	788
7.	REPORTS FOR SAME FIRE RECEIVED THROUGH TWO UNRELATED MEDIUMS													
(a)	Confirming alarm received from fire box after notice by phone	6	11	2	8	10	9	6	9	8	9	6	8	92
(b)	Confirming telephone notice rec'd after alarm from fire box	3	3	7	5	3	6	4	1	5	5	4	6	52
(c)	Total number of incidents where alarm was rec'd by one medium	435	369	456	429	522	393	400	407	414	418	393	464	5,100
(d)	Total number of incidents where alarm was received through more than one medium	9	14	9	13	13	15	10	10	13	14	10	14	144
8.	UNITS RELOCATED TO PROVIDE EQUAL COVERAGE OF THE CITY DURING EMERGENCIES	87	71	96	78	90	89	36	78	41	59	48	79	850
9.	TELEGRAPH SIGNALS TRANSMITTED	4790	4068	5042	4206	6199	4445	3595	4601	5086	4877	3334	4929	55,181
10.	UNITS ENROUTE TO ALARMS STOPPED BY RADIO AND PUT IN SERVICE	1953	1685	2046	1944	2354	1795	1775	1834	1879	1901	1775	2103	23,044

SPECIAL SERVICE AND SUPPLY COMPANY

Annual Report submitted by
Deputy Chief Henry L. Schoettly
for the year ending December 31, 1964

This company serves the department 24 hours a day, 7 days a week. There are always four men on night duty to respond with Special Service emergency truck to assist in any emergency.

The following vehicles are assigned to and operated by this unit:

- 1 Dodge 4-door sedan for Deputy Chief Henry Schoettly
- 1 Dodge 4-door sedan for Supervisor of Apparatus,
Daniel Tauriello
- 1 Plymouth 4-door sedan for department messenger
- 1 G.M.C. 1-ton emergency truck
- 1 G.M.C. 1-ton utility truck
- 1 Dodge 3/4-ton open body delivery truck
- 4 Ford 1/2-ton pick up trucks

This company responded to 66 alarms of fire with smoke ejector, floodlights, generators, portable pumps, foam powder, liquid foam, wet water, etc.

Public Relations - participated in 31 demonstrations showing the proper handling of C.O.2 foam, soda and acid, and dry powder fire extinguishers at hospitals, schools and institutions. Also participated in Fire Prevention Week activities.

Pumping Out Cellars - A total of 19 cellars were pumped out consuming 67 hours of pumping time.

Cut and pulled weeds and brush around all hydrants in the Port Newark and other outlying areas. Inspected 230 hydrants and reported 54 to the Water Department as being in need of repair.

Made all necessary change of apparatus; this required moving apparatus from companies to repair shop and later returning same to quarters; also moving apparatus to body shop and spring companies.

Supplied gasoline and oil to pumpers and other apparatus at the scene of multiple alarms and other fires or emergencies. A total of 11,974 gallons were received by this division; 1,580 gallons of this was delivered to Fireboat No. 1. as they do not have a gasoline supply tank.

Canvas Shop - Repaired all old salvage covers and replaced those not fit for fire service. Made covers for the top of apparatus covering hose compartments, spine boards, foam boxes, stanchions for aerial ladder control levers, mask boxes and hailers; also made canvas hose carrying bags and canvas covers for stretchers, top of Fireboat, payroll pouches, and made repairs to canvas windshields at tiller wheel of hook and ladder trucks, etc.

During the year a total of 307- 5 lb. and 15 lb. C.O.2 fire extinguishers were picked up at company quarters and recharged. A replacement is made at the time of pick-up with a charged extinguisher. All tanks that have not been hydrostatically tested within five years receive this I.C.C. test before being recharged; also any extinguisher that is in need of repair is taken care of.

SPECIAL SERVICE DIVISION (2)

A total of 95 soda and acid, and 21 foam extinguishers were refilled at hospitals, institutions and city buildings.

Members of this company participated in numerous company drills operating the smoke ejector from house current and from generator; drilled in use of portable pumps, generators and floodlights; maintained apparatus and equipment used by Special Service in good operating condition, properly equipped and ready to respond to any emergency.

Members of this unit made all transfers and replacements of 215 ladders for a total of 6,633 feet that were damaged or broken; also made arrangements for all ladders that needed repairs on all apparatus.

Supplies - All supplies, tools, equipment, varsol, disinfectant, waste, rags, soap, etc., are requisitioned, apportioned and delivered by Special Service & Supply Company. This necessitates approximately 60 deliveries a month by truck. Supplies and other equipment requested by special requisition are delivered as soon as possible and necessitates about 750 truck deliveries a month.

This unit repaired 421 Porto-Lights, supplied 733 Burgess batteries, and delivered 1,271 Burrell All-Service gas mask canisters; also delivered 178 oxygen and 79 Scott tanks.

Delivered to companies 270 gallons foam liquid, 200 lbs. of foam powder (hopper type) and 55 gallons of Wet Water.

Rock Salt - 80-75 lb. bags of rock salt were delivered to the various companies for use on icy sidewalks.

During the year we delivered 7 metal lockers and 11 metal filing cabinets to the various companies, picked up 9 portable air compressors for repairs and later returned them to their companies.

Many other services of every description necessary to the efficient operation of the Fire Department were performed by Special Service and Supply Company during the year 1964.

SPECIAL SERVICE & SUPPLY COMPANY

Apparatus Division

In compliance with orders, the following report is herewith respectfully submitted.

New apparatus put in service during 1964 were: A 100 ft. Peter Pirsch Metal aerial assigned to Truck Co. 3; a 750 G.P.M. triple combination pumper assigned to Engine Co. 10 as Unit No. 2. (This unit was an American LaFrance pump mounted on an International chassis;) a 4,000 G.P.M. Fire Boat, christened the John F. Kennedy.

During the year, four 1961 Fairlane Fords used by the Police Department were transferred to the Arson Squad.

Six Fire Department vehicles were transferred to the Department of Motors -- a 1940 Ford half-ton pick-up truck; two Arson Squad cars- a 1958 Chevrolet and a 1958 Buick; a 1960 Dodge Dart chief's car damaged in an accident; a 1930 Ahrens Fox 75 ft wooden aerial truck; a 1943 American LaFrance hose wagon. Also, the tractor of Register No. 1, Truck 12, was turned over to the Department of Motors.

Apparatus relocated - Reg. #59 was repainted and lettered, from Truck Co. 10 to Truck Co. 12; Reg. # 33, from Truck Co. 3 to Truck Co. 10; Reg.#100, Unit #2 of Engine Co. 10 to Unit #2 of Engine Co. 15.

Service tests of pumpers were conducted when weather and tide permitted, lectures and demonstrations accompanying these tests.

Scheduled oil changes and lubrication work of pumpers and aerials. Companies reported to 56 Prospect Street; while apparatus was being worked on, crew members were lectured on pumps and related parts with the aid of a cut-away pump as illustration.

Arranged to have necessary repairs made on Fire Department vehicles and changed over apparatus when necessary. Instructed drivers, trained and certified new drivers in apparatus maneuvering.

Arranged for inspection of apparatus and other Fire Department vehicles with State Motor Vehicle Department.

Winterized all vehicles and checked condition of tire chains for all apparatus.

Recorded all activities conducted by this department for future reference.

SPECIAL SERVICE AND SUPPLY CO.

Hose Division

The following report indicates the amount of fire hose in actual service, new hose in reserve, used hose on hand as of December 31, 1964.

2½" In Service with Companies	1,371 - 50 ft. lengths	68,550 ft.
2½" In Reserve (New)	43 - 50 ft. lengths	2,150 ft.
2½" In Reserve (Extra Engines)	110 - 50 ft. lengths	5,550 ft.
2½" In Reserve (Old)	80 - 50 ft. lengths	4,000 ft.
Total Available for Fire Duty	1,604 - 50 ft. lengths	80,200 ft.
1½" In Service with Companies	709 - 50 ft. lengths	35,450 ft.
1½" In Reserve (New)	26 - 50 ft. lengths	1,300 ft.
1½" In Reserve (Old)	3 - 50 ft. lengths	150 ft.
Total available for Fire Duty	738 - 50 ft. lengths	36,900 ft.
3" In Service with Companies	Various Lengths	1,434 ft.
3" In Reserve (New)	5 - 50 ft. lengths	250 ft.
3" In Reserve (New)	4 - 75 ft. lengths	300 ft.
Total Available for Fire Duty		1,984 ft.
4½" In Service with Companies	35 - 15 ft. lengths	525 ft.
4½" In Reserve (Extra Engines)	5 - 15 ft. lengths	75 ft.
4½" In Reserve (New)	7 - 15 ft. lengths	105 ft.
Total Available for Fire Duty	47 - 15 ft. lengths	705 ft.
¾" In Service with Companies	28 - 50 ft. lengths	10,400 ft.
¾" In Reserve (New)	10 - 50 ft. lengths	500 ft.
¾" In Reserve (Extra Engines)	20 - 50 ft. lengths	1,000 ft.
¾" In Reserve (Old)	5 - 50 ft. lengths	250 ft.
¾" In Reserve (New High Pressure)	3 - 50 ft. lengths	150 ft.
Total Available for Fire Duty	246 - 50 ft. lengths	12,300 ft.
1" In Service with Companies (H.P. Booster)	Total 12 - 50 ft. lengths	600 ft.
6" In Service with Companies (Hard Suction)	32 - 10 ft. lengths	320 ft.
6" In Reserve (New)	3 - 10 ft. lengths	30 ft.
6" In Reserve (Extra Engines)	10 - 10 ft. lengths	100 ft.
6" In Reserve (Old)	6 - 10 ft. lengths	60 ft.
Total Available for Fire Duty	51 - 10 ft. lengths	510 ft.
5" In Service with Companies (Hard Suction)	14 - 10 ft. lengths	140 ft.
5" In Reserve (New)	4 - 10 ft. lengths	40 ft.
5" In Reserve (Old)	4 - 10 ft. lengths	40 ft.
Total Available for Fire Duty	22 - 10 ft. lengths	220 ft.
4½" In Service with Companies (Hard Suction)	24 - 10 ft. lengths	240 ft.
4½" In Reserve (New)	4 - 10 ft. lengths	40 ft.
Total Available for Fire Duty	28 - 10 ft. lengths	280 ft.
4" In Service with Companies (Hard Suction)	2 - 10 ft. lengths	20 ft.
4" In Reserve (Old)	4 - 10 ft. lengths	40 ft.
	6 - 10 ft. lengths	60 ft.

SPECIAL SERVICE AND SUPPLY CO.

Hose Division (2)

New Hose Received

3/4" - 4 ply Booster 400 lb. Test	24 - 50 ft. lengths	1200 ft.
3/4" - H.P. Booster 1500 lb. Test	18 - 50 ft. lengths	900 ft.
1 1/2" - Eureka C.R.L.	100 - 50 ft. lengths	5000 ft.
2 1/2" - Blaze Guard C.R.L.	170 - 50 ft. lengths	8500 ft.
3" - Eureka C.R.L.	4 - 75 ft. lengths	300 ft.
4 1/2" - Eureka (Soft Suction)	4 - 60 ft. lengths	240 ft.
4 1/2" - Eureka (Hard Suction)	4 - 10 ft. lengths	40 ft.
5" - Eureka (Hard Suction)	4 - 10 ft. lengths	40 ft.

New Hose Issued

3/4" - 4-ply Booster 400 lb. test	16 - 50 ft. lengths	800 ft.
3/4" - H.P. Booster 1500 lb. test	15 - 50 ft. lengths	750 ft.
1 1/2" - C.R.L.	103 - 50 ft. lengths	5150 ft.
2 1/2" - C.R.L.	154 - 50 ft. lengths	7700 ft.
3" - C.R.L.	Various Lengths	350 ft.
4 1/2" - C.R.L. (Soft Suction	19 - 15 ft. lengths	285 ft.
6" - Hard Suction	2 - 10 ft. lengths	20 ft.

Hose Repaired

3/4" - 31 - 50 ft. lengths	1550 ft.
1 1/2" - 94 - 50 ft. lengths	4700 ft.
2 1/2" - 114 - 50 ft. lengths	5700 ft.
3" Various Lengths	95 ft.
4 1/2" - 21 - 15 ft. lengths	315 ft.
4 1/2" - Hard Suction	40 ft.
6" - Hard Suction	20 ft.

Hose Tested

2 1/2" - 1,288 lengths - 64,400 ft.
1 1/2" - 636 lengths - 31,800 ft.
3/4" - 208 lengths - 10,400 ft.
3" - - - - 1,434 ft.

Overage Hose Sold

2 1/2" - 66 lengths - 3,300 ft.
1 1/2" - 18 lengths - 900 ft.

Nozzles, Valves, Adapters, and other equipment repaired - 751

SPECIAL SERVICE AND SUPPLY CO.

Hose Division (3)

Equipment and Fittings Received

2-Elkhart Deluge Sets
6-Elkhart 2½" Fog Nozzles
6-Elkhart 1½" Fog Nozzles
4-Akron in Line Eductors
4-Elkhart Select-O-Flow Foam Tubes
6-Wooster 1½" Ball Valves
12-Ball Valve Seats
12-1½" Rockwood Handles
2Aluminum Arms (for cellar pipes)
6-5 Part 3" Coupling Sets
2-Deluge Running Board Mounts
6-2½" Keystone Valve Seats
48-3" Red Brass Expanders
12-Plunger Washers (Dragon Pumps)
24-Ball Valve Seals
24-O Rings I.D. 2-3/4"x 3/16"thick
24-O Rings I.D. 3/4"x 1/8" thick
48-Adapter Washers O.D. 3" - I.D. 2-5/16" x 3/16" thick
48-2½" Cap Washers
96-John Bean Gun Washers (Various Sizes)
48-1½" Expander Washers
15-John Bean Gun Parts (Swivels & Valves)

Tools Received

1-8½" Plierwrench
3-Taps
6-H.S. Drills
1-12" Tin Snips
2-Sets 1/4" Numbers
2-Sets 3/16 " Numbers
1-1½" to 3" Hose Cutter
1 - Emery Wheel Dresser

TRAINING ACADEMY

Annual Report submitted by
Deputy Chief Joseph J. Drew
for the year ending December 31, 1964

This report consists of two major divisions: (1) Department Training, which is sub-divided into four categories, namely, (a) Basic Training, (b) Refresher Training, (c) Special Training, (d) Field Training; and (2) Other Activities, which is sub-divided into seven categories, namely, (a) Fire Prevention Demonstrations, (b) Photo Division, (c) Physical Training Department, (d) Mask Repair, (e) Oxygen, (f) Films, and (g) Miscellaneous.

(1) DEPARTMENT TRAINING.

(a) Basic Training. During 1964, basic training was conducted for two groups of recruit firemen, who received a total of 120 hours of instruction. During April, nine probationary firemen received a one-week, 24-hour preliminary basic course on their appointment to the Department. During May, these nine men and 24 others attended a four-week 96-hour recruit basic training course.

Throughout this course, lecture sessions were held to a minimum and special emphasis was placed on actually "doing the job". Vacant buildings, scheduled to be torn down, were used for drills in ladder-raising, ventilating, opening up walls, ceilings and roofs, use of tools and appliances, stretching hose lines, and other duties that must be performed at an actual fire scene. Wet hose drills were conducted at the Center Street Dock and at the vacant buildings. Training sessions in the use of masks and in the use and operation of fire extinguishers were held at the Avenue K smokehouse. Under the direction of the Supervisor of Apparatus, each recruit received instruction in pump and engine operations and training in the driving of apparatus. Each recruit also received twenty hours of first aid training.

A unique graduation ceremony was held at the completion of this course. It consisted of the awarding of the 1963 Ballantine Hero Award, the presentation of completion certificates to the recruits, and the conducting of an actual fire ground operation. A three-story frame vacant dwelling was set afire, and under the guidance of experienced officers and firemen, the recruits extinguished the fire.

In 1964, a total of 3,333 man-hours were spent in basic training.

(b) Refresher Training. This course consists of drills conducted on a company or individual basis by the Training Division at the Fire Academy, or by the Training Division staff at a company's quarters.

In 1964, the following subjects were covered in refresher training courses: Proper Use and Care of Masks; Sprinklers and Standpipes, and Fire Department Responsibility when Responding to Alarms in Buildings Protected by these systems; Department Radio Procedure; and a Civil Defense Medical Self Help Course, which included Survival with Atomic Radiation and Fallout.

A total of 71 sessions, attended by a total of 985 men, were held during the year at the Fire Academy. At company quarters a total of 868 members received an eight-hour refresher first aid course.

During the year, a total of 9,646 man-hours were spent in refresher training.

Training Academy (2)

(c) Special Training. This is a course of training conducted by other Fire Department Divisions or by outside schools or other agencies.

During 1964, at Prospect Street, under the direction of the Supervisor of Apparatus, there were 55 three-hour lectures on pumps and engines and their related parts. These lectures were attended by 493 department members. Driver training instruction was given to 556 members.

At the Newark YMCA, 16 members participated in an 18-hour Management Seminar.

A one-week Seminar on Arson and Fire Investigation, at Rutgers University, New Brunswick, was attended by ten members.

One member completed the Rutgers University Course in Fire Administration.

Five members attended one-week courses in Arson Investigation at the University of Purdue and at the Ohio State University.

A one-week course at the University of Maryland Fire School was attended by five men.

Four members attended a one-week course in Fire Administration at Ohio State University.

During the year of 1964, a total of 3,543 man-hours was spent in special training.

(d) Field Training. This training comprises Company drills conducted by Deputy Chiefs, Battalion Chiefs, Captains and Acting Captains, in or about company quarters, at the City Docks, or at other available locations. Under the system begun in August, 1963, Battalion Chiefs schedule the drills for each company in their respective districts on a monthly basis. At the end of each month, company reports on completed drills are forwarded to the Training Division.

In 1964, field training consisted of 16,281 drills in or about quarters, 789 drills at other locations, 17,071 hours of instruction, and 85,358 man-hours of training.

(2) OTHER ACTIVITIES.

(a) Fire Prevention Demonstrations. The interesting and educational fire prevention exhibit and demonstration begun in 1963, was continued in 1964. It was presented 37 times to various public groups and civic, educational and industrial organizations.

The exhibit consists of working models of miniature buildings which actually explode and ignite. Flammable liquids are displayed and their hazards explained as the flames are extinguished.

Kitchen fires in cooking utensils are ignited and extinguished to educate the public in safety precautions in such fires.

An electrical circuit similar to that of home wiring systems is activated in a cabinet which demonstrates overloaded electrical systems and fuse failure. This part of the exhibit demonstrates to the public the action of a short circuit by causing wires to heat to a point of incandescence and ignite combustible material in homes, including baseboards, walls, and other locations in the average home.

Training Academy (3)

Dangerous commercial products (aerosol type) are activated and their hazards explained. Approved safety devices are displayed and operated.

Fire Department equipment, including tools, masks, hose lines, nozzles and salvage operations are displayed and explained.

A regulation city fire alarm box is displayed and operated with the audience participating in this activity. This box is equipped with the latest devices for detection of persons sounding malicious false alarms. In view of the serious nature of the malicious false alarm problem, this part of the exhibit is used to inform the public of the effort and methods used by the Newark Fire Department to successfully combat this evil, to reduce its cost, and to gain the cooperation of all citizens to reduce the number of malicious false alarms.

(b) Photo Division. In 1964, this division completed 203 assignments. Among them were 21 for suspected Arson or Signal 100's, ten for Signal 200's, 15 for multiple alarms, one for a violation, 14 for demonstrations with members of the Training Division or Fire Prevention Bureau, and 142 miscellaneous assignments for promotions, records, awards, etc. A total of 1,224 negatives were processed and 3,775 prints were printed.

On November 20, 1964, the Photo Division was moved from the Training Academy to the quarters of Engine Co. No. 7.

(c) Physical Training Department. During 1964, in addition to the First Aid and Medical Self-Help Training listed in the Basic and Refresher Training categories, the Physical Training instructor gave lectures and demonstrations on First Aid and Safety to 42 members of the St. John's Ukrainian Church Holy Name Society; on mouth to mouth resuscitation and the E & J Resuscitator, to 36 members of the East Orange Health Club at Upsala College; assisted the Fire Surgeon in examination of new department members, and instructed members of the department in physical evolutions for promotion. The gymnasium was used by 2,962 members during the year.

First Aid treatment was given to ten civilians.

(d) MaskRepair. From January 1, to May 8, 1964, 189 masks and 4 resuscitators were repaired at the Training Academy. On May 8, 1964, this department was transferred to the Special Service and Supply Division.

(e) Oxygen. In 1964, 407 various size oxygen tanks were refilled and distributed by this division.

(f) Films. Training films and films on fire prevention and safety were loaned to 35 groups or organizations during the year. Approximately 4,500 people viewed these films. A 16 mm. projector, screen, and a projector operator were provided on many of these occasions.

Films and slides were used in basic and refresher training. Two new films and four sets of slides were purchased for training purposes.

(g) Miscellaneous. During 1964, the staff of the Training Division engaged in many other activities, as listed below.

A three-to five-hour course was given to 47 Police recruits and to 44 Housing Guards. This course stressed the need for cooperation between the two departments;

Training Academy (4)

the role of the Police Officer before, during and after a fire; the use of fire extinguishers; and each Housing Guard was given a list of all fire alarm boxes in or near each housing project, and literature on fire prevention to be distributed in their assigned buildings.

Fire Brigade training and fire fighting demonstrations were conducted for employees of the Wilbur Driver Co., AT & T Co., and the Ivers Lee Co.

Instructors were provided for the Seminar on Arson and Fire Investigation at Rutgers University, and for training sessions of the Monmouth and Morris County Fire Colleges and the New Jersey State Fire College.

Seminars on Arson and on Fire Prevention, Fire Fighting Safety and Security for Retail Stores were held at the Training Academy and speakers and instructors provided.

Instructors were provided for sessions on Industrial Fire Prevention and Protection conducted by the Fire Prevention Committee of the Newark Safety Council, and one session was conducted at the Training Academy.

The Federal Safety Council held a monthly meeting at the Training Academy, were shown the Fire Prevention Demonstration and given a tour of the building.

Speakers were provided for the New Jersey Boys State at Rutgers University; the Weequahic Lions Club, the Newark YMHA, and for several scouting and safety patrol groups.

Officers of this division participated in conferences on training, training manuals, training grounds and on new fire fighting equipment and techniques. Visits were made to New York City and to Baltimore Training Schools to aid in planning proposed new training area for the department.

The Oklahoma A & M series of manuals was adopted as the Training Manual of the Newark Fire Department and these manuals were received and prepared for distribution.

The staff participated in the burning of obscene literature and films for the Essex County Prosecutor.

The staff prepared several Christmas trees with flamecoating and fireproofing compounds and participated in the burning of same to test the effectiveness of the solutions.

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MEDICAL DIVISION

Annual Report submitted by
Dr. John N. Pannullo, Department Surgeon
for the year ending December 31, 1964

In compliance with the Rules and Regulations of the Department and the requirements of my duties, I have rendered prompt attention to all reports of illness or injury coming under my jurisdiction, and have granted sick leave to members when necessary.

During the year, I inspected the various fire houses to see that they were maintained in sanitary condition. I attended all fires of any magnitude where professional services might be required.

Regular additional visits were made to sick or disabled members to keep properly informed of the progress of these cases.

Monthly reports were submitted to the Director and the Chief Engineer, listing the names of members of the Department who were disabled.

In addition, special reports were submitted when required, a resumé of which follows:

Number of House Visits	678
Number of Men injured L.O.D.	525
Number of Fires attended	101
Number of Visits to Firehouses	38
Number of Candidates Examined	34
Telephone calls to Members on Sick Leave	1,720
Revisits	340
Hospital Visits	601
Conferences with Director and Chief Engineer	52

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PLANNING DIVISION

Annual Report submitted by
Battalion Chief Joseph L. Magnusson
for the year ending December 31, 1964

The Annual Report of the Planning Unit for the year ending December 31, 1964, is herewith respectfully submitted.

Capital Improvement Program:

This Unit assisted in the formulation of plans for proposed fire Training Facility, including preparation of the reports, site inspection, cost estimation, visits to other cities to inspect training installations, participation in meetings and conferences with the Central Planning Board and other city agencies.

We undertook the necessary research as a basis for determination of priorities for rehabilitation and replacement of obsolete firehouses under the Six-Year Capital Improvement Program, including the preparation of the necessary reports.

Maintained liaison with the Central Planning Board, Newark Housing Authority and other agencies on fire problems raised by Urban Renewal and highway alignment and construction planning.


Fire Department Reports & Records:

Assisted in the revision and up-dating of the following:

- Battalion Chiefs' Fire Report
- Violation Notice Books for Company In-service Inspections
- Motor Vehicle Fire Report (Vehicular fires)
- Non-Fire Incident Report
- Revised forms for Company, Battalion and Deputy Chief Alarm Records
- Adoption of a new training manual for all Officers and Men
- Formulation of a tight budget control system through the use of improved accounting records

Prepared and analyzed vital statistics and data on all phases of Fire Department operations to assist the Director and Chief Engineer in evaluating the effectiveness and efficiency of procedures, policies, and programs.

Submitted recommendations for reorganization of Fire Prevention activities, including preparation of material for release to newspapers and radio for fire prevention and fire safety practices for the public.

Prepared recommendations for revision of the Fire Prevention Code to conform to the newly adopted Revised Building Code. 

Furnished numerous reports to other City agencies, as well as other municipalities and State and National firematic organizations.

Extracted pertinent information and fire department material from all publications reaching the Fire Department, and established and maintained an effective reference file.

ANNUAL REPORT
OF THE ACTIVITIES OF THE
PUBLIC RELATIONS OFFICER
FRANCIS X. McCARTHY
FOR THE YEAR 1964

I respectfully report that during the year 1964, as Public Relations Officer of the Newark Fire Department, I answered fire alarms when summoned; attended multiple alarms of fire; interviewed many citizens at fires; prepared press releases; set up radio broadcasts on fire prevention; arranged Television Presentations of a Burning House and the Use of Foam; participated in many public functions; visited various civic and fraternal organizations on behalf of the Newark Fire Department; set up programs for presentation of Honor Awards, the christening of the Fireboat John F. Kennedy, and other functions.

I wish to express my thanks to you and to the Officers and Members of the Fire Department for the cooperation extended to me during the year.

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ANNUAL REPORT
of the activities
of the Catholic Chaplain,
The Rt. Rev. Msgr. Philip T. McCabe
for the year ending December 31, 1964

I attended all multiple alarms of fire in the City of Newark and administered the Sacraments of the Roman Catholic Church when needed.

I visited hospitals where firemen were known to be patients.

I conducted the blessings at funerals or attended Mass of our deceased members, whether active or retired, and any deceased member of their families.

The Annual Communion Breakfast and Memorial Mass for the men of the Department was held in May in St. Thomas Aquinas Church.

Participated in the Holy Name Federation Holy Hour held in the Sacred Heart Cathedral.

The Anchor Club of the Newark Fire Department, of which I am spiritual director, conducted their annual dance. This dance has for its purpose the financing of scholastic scholarships for the sons and daughters of all Newark firemen. These scholarships are awarded each year after a competitive examination held in March.

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ANNUAL REPORT
of the activities
of the
Protestant Chaplain Rev. Clarence Bleakney
for the year ending December 31, 1964

I am appreciative of all courtesies shown me during the year by the Members of the Newark Fire Department.

I responded to forty or more of multiple and single alarms.

I attended many social and professional functions of the Fire Department.

I attended the monthly meetings of the Retired Police and Firemen's Association whenever possible.

Our Annual Memorial Service for the Deceased Members of the Department was conducted in the Fifth Avenue Presbyterian Church, and this year we were grateful for the participation of the Holy Name Choir in this service through the courtesy of Monsignor Philip McCabe.

As usual we invited members of neighboring Fire Departments to our Service and Dinner.

I conducted several funerals in the Department and attended many others relating to the Department.

During the year I made many calls on the sick in hospitals and in homes.

As is my custom, I visited several Fire Houses on Christmas Day to bring Christmas Greetings to those on duty.

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ANNUAL REPORT
OF THE ACTIVITIES OF THE
JEWISH CHAPLAIN
RABBI HORACE L. ZEMEL
FOR THE YEAR 1964

This is to advise that through the year 1964, as Chaplain of the Fire Department, I answered fire calls whenever summoned, participated in public functions of the Fire Department, attended the sick and the dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were required.

I wish to express to all members of the Fire Department my deep appreciation of the many kindnesses extended me in the performance of my duties.

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BELL AND SIREN CLUB

ANNUAL REPORT for the year ending December 31, 1964

The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group dependent upon membership dues, its annual social function and the contributions of friends to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official club Code of Operation. Public officials, candidates for public office or any fire department employees are not eligible for membership.

At first members serviced the scenes of fire with only limited equipment: one five gallon coffee urn. As demand for their services became more widespread the club contracted with local merchants in a fire vicinity to buy the necessary "on the scene" supplies. In 1952 the first mobile canteen "rig" was put into operation and 1953 marked the inauguration of the ambulance unit. Both original vehicles have now been replaced with modern equipment. They are quartered in Newark Fire Houses, courtesy of the Mayor and Newark Fire Department.

The Club serves free refreshments of coffee, tea, hot soup, milk, etc., from a mobile unit to firemen and fire victims at the scene of the fire, inside the fire lines.

Service record for 1964 is as follows:

Fire Responses 52

Refreshments served:

Cups of Coffee	7,140
Cups of Tea	120
Cups of Cocoa	200
Cups of Bouillon	60
Glasses of Water	640
Containers of Milk	1040
Containers of	
Chocolate Milk	40
Containers of	
Orange Juice	2664
Containers of	
Lemonade	135
Bottles of Soda	180
Sandwiches	50
Doughnuts & Buns	144
Slices of Cake	300
Cigarettes	300

Respectfully submitted.